

STEPHANIE M. HINDS (CABN 154284)  
United States Attorney

TOM COLTHURST (CABN 99493)  
Chief, Criminal Division

LAURA VARTAIN HORN (CABN 258485)  
NICHOLAS WALSH (CABN 314290)  
Assistant United States Attorneys

450 Golden Gate Avenue, Box 36055  
San Francisco, California 94102-3495  
Telephone: (415) 436-7200  
Laura.Vartain@usdoj.gov  
Nicholas.Walsh@usdoj.gov

NICHOLAS O. HUNTER (DCBN 1022355)  
STEPHEN MARZEN (NYBN 2007094)  
Trial Attorneys, National Security Division

950 Pennsylvania Ave., NW  
Washington, DC 20530  
Tel: (202) 353-3434  
Fax: (202) 233-2146  
Nicholas.Hunter@usdoj.gov  
Stephen.Marzen@usdoj.gov

Attorneys for United States of America

UNITED STATES DISTRICT COURT

NORTHERN DISTRICT OF CALIFORNIA

SAN FRANCISCO DIVISION

UNITED STATES OF AMERICA,	)	CASE NO. 18-CR-00465 MMC
	)	
Plaintiff,	)	UNITED STATES' AMENDED EXHIBIT LIST
	)	
v.	)	
	)	
FUJIAN JINHUA INTEGRATED CIRCUIT	)	
CO., LTD.,	)	
	)	
Defendant.	)	
	)	

1 The United States hereby provides its Amended Exhibit List. The Amended Exhibit List  
2 corrects typos or other inaccuracies in the United States original Exhibit List (Dkt. No. 258), adds  
3 additional translation obtained since filing the original Exhibit List, removes some exhibits, and adds a  
4 small number of new exhibits. Contemporaneously with the filing of the Amended Exhibit List, the  
5 United States is providing counsel for defendant Fujian Jinhua Integrated Circuit Co., Ltd., a detailed,  
6 exhibit-by-exhibit description of the changes in the Amended List relative to the original Exhibit list

7 The United States reserves the right to amend or supplement this list as appropriate as trial  
8 preparations progress.

9  
10 Dated: February 22, 2022

Respectfully Submitted,

11 STEPHANIE M. HINDS  
12 United States Attorney

13 /s/  
14 LAURA VARTAIN HORN  
15 NICHOLAS WALSH  
Assistant United States Attorneys

16 NICHOLAS O. HUNTER  
17 STEPHEN MARZEN  
Trial Attorneys, National Security Division

UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

CASE NO. 18-CR-00465 MMC

DATE:

UNITED STATES v. FUJIAN JINHUA INTEGRATED CIRCUIT CO., LTD.

**UNITED STATES' AMENDED EXHIBIT LIST**

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0001			TS1 (01) 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev (version 1).xls	TAIWANHD-00000012
P0002			TS1 (02) ★★Elpida 25nm process flow_Modify.ppt	TAIWANHD-02258169
			Attachment 1 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02258170
			Attachment 2 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02258171
P0003			TS1 (02) ★★Elpida 25nm process flow_Modify.ppt	TAIWANHD-00017800
			Attachment 1 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-00017801
			Attachment 2 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-00017802
P0004			TS1 (02) ★★Elpida 25nm process flow_Modify.ppt	TAIWANHD-02122880
			Attachment 1 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02122881
			Attachment 2 (02) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02122882
P0005			TS1 (03) ★★Elpida 25nm process flow_peri.ppt	TAIWANHD-02125304
			Attachment 1 (03) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02125305
			Attachment 2 (03) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-02125306
P0006			TS1 (03) ★★Elpida 25nm process flow_peri.ppt	TAIWANHD-00018044
			Attachment 1 (03) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-00018045
			Attachment 2 (03) [Unnamed Spreadsheet](embedded spreadsheet)	TAIWANHD-00018046
P0007			TS1 (04) dram_comparison_workshop_100-110_series.pdf	TAIWANHD-00032657
P0008			TS1 (04) dram_comparison_workshop_100-110_series.pdf	TAIWANHD-02287236
P0009			TS1 (04) dram_comparison_workshop_100-110_series.pdf	TAIWANHD-02287680
P0010			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-00035027
P0011			Email of 1 (05) 25nm 4G3D Flow(Email Sending File)	TAIWANHD-01985710
			Attachment TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-01985711
P0012			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02196688
P0013			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02198066
P0014			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02199494
P0015			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02239573
P0016			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02240092
P0017			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02287239
P0018			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02290527
P0019			TS1 (05) Elpida 25nm process flow.pdf	TAIWANHD-02291985
P0020			TS1 (06) '\$RZZ1XJM.xls	USD-0348423
P0021			TS1 (07) '\$R29TV46.xlsb	USD-0348421
P0022			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0831 discussion.xlsx	TAIWANHD-00032607
P0023			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0831 discussion.xlsx	TAIWANHD-02287257
P0024			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0831 discussion.xlsx	TAIWANHD-02287629
P0025			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0908.xlsx	TAIWANHD-00032608
P0026			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0908.xlsx	TAIWANHD-02287630

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0027			TS1 (07) Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0908.xlsx	TAIWANHD-02160157
P0028			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	USD-0557621
P0029			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-00026874
P0030			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	USD-0549178
P0031			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-00014224
P0032			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-02178254
P0033			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-02185673
P0034			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-02189109
P0035			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-02190956
P0036			TS1 (08) R1 F72 1GC Flow0411 no defect.xls	TAIWANHD-02257275
P0037			R1 F72 1GC Flow0411 no defect.xls-metadata.txt	USD-0442104
P0038			R1 F72 1GC Flow0411 no defect.xls-metadata.txt	USD-0476186
P0039			TS1 (09) R1 F72 1GC Flow0411 no defect_1.xls	USD-0553810
P0040			TS1 (09) R1 F72 1GC Flow0411 no defect_1.xls	TAIWANHD-00026875
P0041			TS1 (09) R1 F72 1GC Flow0411 no defect_1.xls	TAIWANHD-02189110
P0042			(09) R1 F72 1GC Flow0411 no defect_1.xls-metadata.txt	USD-0442109
P0043			(09) R1 F72 1GC Flow0411 no defect_1.xls-metadata.txt	USD-0476230
P0044			TS1 (10) Rexchip%2025nm%20Flow%20summary%200614%20Diff((Unsaved-304859870347828848)).xls	USD-0348427
P0045			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-00020874
P0046			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-02160144
P0047			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	USD-0449310
P0048			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-02125310
P0049			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-02318118
P0050			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-00037220
P0051			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-02290541
P0052			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	USD-0421725
P0053			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-02166377
P0054			TS1 (11) Rexchip 25nm Flow summary 0614 Diff.xls	TAIWANHD-00035041
P0055			(11) Rexchip 25nm Flow summary 0614 Diff.xls-metadata.txt	USD-0361107
P0056			(11) Rexchip 25nm Flow summary 0614 Diff.xls-metadata.txt	USD-0369223
P0057			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	USD-0350514
P0058			Email Thread of 5/19/2016 regarding 18357.msg	UMCDOJ-00410549
			Attachment TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	UMCDOJ-00410550
P0059			TS1 (12) Rexchip 25nm Flow summary_IMP_RTP.xls	USD-0451116
P0060			TS1 (12) Rexchip 25nm Flow summary_IMP_RTP.xls	TAIWANHD-02166293
P0061			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	TAIWANHD-00035045
P0062			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	TAIWANHD-02198080
P0063			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	TAIWANHD-02287249
P0064			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	TAIWANHD-02290543
P0065			TS1 (12) Rexchip 25nm Flow summary_IMP & RTP.xls	TAIWANHD-02125311
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P0067			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-00035040
P0068			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	USD-0424662
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P0070			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-02261978
P0071			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-02318117
P0072			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-02318359
P0073			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-00037219
P0074			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-02287246
P0075			TS1 (13) Rexchip 25nm Flow summary 0614 CMP.xls	TAIWANHD-02290540

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0076			(13) Rexchip 25nm Flow summary 0614 CMP.xls-metadata.txt	USD-0369143
P0077			(13) Rexchip 25nm Flow summary 0614 CMP.xls-metadata.txt	USD-0361115
P0078			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	USD-0449723
P0079			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-00020875
P0080			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02261979
P0081			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02318119
P0082			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02318360
P0083			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-00035042
P0084			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02198079
P0085			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02287247
P0086			TS1 (14) Rexchip 25nm Flow summary 0614 Photo.xls	TAIWANHD-02290542
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P0088			(14) Rexchip 25nm Flow summary 0614 Photo.xls-metadata.txt	USD-0361135
P0089			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-00035043
P0090			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-00037221
P0091			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02287248
P0092			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	USD-0424547
P0093			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-00020876
P0094			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02261980
P0095			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02318120
P0096			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	USD-0473562
P0097			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02166378
P0098			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-00023536
P0099			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02249964
P0100			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls	TAIWANHD-02160283
P0101			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls.FileSlack	TAIWANHD-02166292
P0102			TS1 (15) Rexchip 25nm Flow summary 0614 wet.xls.FileSlack	TAIWANHD-02166379
P0103			(15) Rexchip 25nm Flow summary 0614 wet.xls-metadata.txt	USD-0369266
P0104			(15) Rexchip 25nm Flow summary 0614 wet.xls-metadata.txt	USD-0361131
P0105			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	USD-0449316
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P0108			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	TAIWANHD-02318121
P0109			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	TAIWANHD-02160284
P0110			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	TAIWANHD-02160145
P0111			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	TAIWANHD-00035044
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P0113			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	USD-0473573
P0114			TS1 (16) Rexchip 25nm Flow summary 0710 TF.xls	TAIWANHD-02166380
P0115			Rexchip 25nm Flow summary 0710 TF.xls-metadata.txt	USD-0361127
P0116			Rexchip 25nm Flow summary 0710 TF.xls-metadata.txt	USD-0369200
P0117			TS1 (17) F32 2014,2015 flow compare -20150824.xlsx	TAIWANHD-02160143
P0118			TS1 (17) F32 2014,2015 flow compare -20150824.xlsx	TAIWANHD-02287258
P0119			TS1 (17) F32 2014,2015 flow compare -20150824.xlsx	TAIWANHD-02287260
P0120			TS2 FAB16 90s Traveler-20150518.pdf	USD-0361850
P0121			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-00017770
P0122			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-02258141
P0123			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-02317066
P0124			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-00017765
P0125			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-02191535
P0126			TS2 FAB16 90s Traveler-20150518.pdf	TAIWANHD-02258136
P0127			FAB16 90s Traveler-20150518.pdf-metadata.txt	USD-0358180
P0128			TS3  +%28all%29+imp+conditions+table_20150318.xlsx	USD-0886079

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0129			TS3 (ALL) IMP conditions Table_20150318.xlsx	USD-0358553
P0130			TS3 (ALL) IMP conditions Table_20150318.xlsx	TAIWANHD-00021590
P0131			TS3 (ALL) IMP conditions Table_20150318.xlsx	TAIWANHD-02283673
P0132			TS3 (ALL) IMP conditions Table_20150318.xlsx	TAIWANHD-02317071
P0133			TS3 (ALL) IMP conditions Table_20150318.xlsx	USD-0382191
P0134			TS3 (ALL) IMP conditions Table_20150318.xlsx	TAIWANHD-02166298
P0135			(ALL) IMP conditions Table_20150318.xlsx(1)-metadata.txt	USD-0359958
P0136			(ALL) IMP conditions Table_20150318.xlsx-metadata.txt	USD-0358033
P0137			(ALL) IMP conditions Table_20150318.xlsx-metadata.txt	USD-0359759
P0138			TS3 ee8b2600.txt	USD-0885860
P0139			TS4 Implant Condition for MES setting_1015(1).xlsx	USD-0377869
P0140			TS4 Implant Condition for MES setting_1015.xlsx	USD-0377998
P0141			TS4 Implant Condition for MES setting_1015.xlsx	TAIWANHD-00021591
P0142			TS4 Implant Condition for MES setting_1015.xlsx	TAIWANHD-02283674
P0143			TS4 Implant Condition for MES setting_1015.xlsx	TAIWANHD-02317072
P0144			TS4 Implant Condition for MES setting_1015.xlsx	TAIWANHD-02166299
P0145			Implant Condition for MES setting_1015.xlsx(1)-metadata.txt	USD-0359741
P0146			Implant Condition for MES setting_1015.xlsx-metadata.txt	USD-0359775
P0147			Implant Condition for MES setting_1015.xlsx-metadata.txt	USD-0357873
P0148			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	USD-0547894
P0149			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	TAIWANHD-02166179
P0150			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	USD-0350508
P0151			Email Thread of 05/23/2016 regarding 18354.msg	UMCDOJ-00410542
			Attachment 1 【DR25nmS】_Resistance_and_parasitic_capacitance_parameters_Rev14.xls	UMCDOJ-00410543
			TS5 Attachment 2 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	UMCDOJ-00410544
P0153			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	UMCDOJ-00410544
P0154			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	TAIWANHD-02125292
P0155			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	TAIWANHD-00017885
P0156			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	TAIWANHD-02125059
P0157			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	USD-0379646
P0158			TS5 【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls	TAIWANHD-02166181
P0159			【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls metadata.txt	USD-0360957
P0160			【DR25nmS】 Design rules Periphery_EES_2012000026-013_Rev.13.xls metadata.txt	USD-0361701
P0161			TS6 \$SRM5C9Z8.pdf	TAIWANHD-00000004
P0162			TS6 DRAM_100_series_(20nm)_traveler_(v00h)_150730.pdf	USD-0355253
P0163			TS6 DRAM_100_series_(20nm)_traveler_(v00h)_150730.pdf	TAIWANHD-02180347
P0164			TS6 DRAM_100_series_(20nm)_traveler_(v00h)_150730.pdf	TAIWANHD-02191533
P0165			TS6 DRAM_100_series_(20nm)_traveler_(v00h)_150730.pdf	TAIWANHD-02194592
P0166			TS6 DRAM_100_series_(20nm)_traveler_(v00h)_150730.pdf	TAIWANHD-02246382



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0167			TS6 DRAM 100 series (20nm) traveler (v00h) 150730.pdf	TAIWANHD-02287233
P0168			TS6 DRAM 100 series (20nm) traveler (v00h) 150730.pdf	TAIWANHD-02287740
P0169			TS6 DRAM 100 series (20nm) traveler (v00h) 150730.pdf	TAIWANHD-02317063
P0170			DRAM 100 series (20nm) traveler (v00h) 150730.pdf-metadata.txt	USD-0355653
P0171			DRAM 100 series (20nm) traveler (v00h) 150730.pdf-metadata.txt	USD-0403483
P0172			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	USD-0560710
P0173			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-00016566
P0174			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02189132
P0175			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02191527
P0176			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02246669
P0177			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02287234
P0178			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02287677
P0179			TS7 dram 110 series (1xnm) traveler (z11a)-20150915.pdf	TAIWANHD-02316503
P0180			dram 110 series (1xnm) traveler (z11a)-20150915.pdf-metadata.txt	USD-0358568
P0181			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	USD-0363778
P0182			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-00016567
P0183			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02189133
P0184			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02191528
P0185			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02194558
P0186			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02246670
P0187			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02287679
P0188			TS8 dram 1xnm process (Z11AA41200) - summary_flow_document.pdf	TAIWANHD-02316504
P0189			dram 1xnm process (Z11AA41200) - summary_flow_document.pdf- metadata.txt	USD-0358582
P0190			Taiwan Hard Drive 48 - files extracted from devices seized by MJIB	Produced On July 8, 2020
P0191			Drive from Taiwan with forensic images of devices seized by MJIB	TAIWANHD_FI- 00000001
P0192			106030-25-01 - Taiwan hard drive 48 subfolder corresponding to cell phone (phone #0911-834291) that Wang Yong-ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0193			106030-25-01 - Forensic image of cell phone (phone #0911-834291) that Wang Yong-ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0194			106030-25-02 - Taiwan hard drive 48 subfolder corresponding to cell phone (phone #0965-702303) that Wang Yong-ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0195			106030-25-02 - Forensic image of cell phone (phone #0965-702303) that Wang Yong-ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0196			106030-25-03 - Taiwan hard drive 48 subfolder corresponding to an official laptop computer that Wang Yong- ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0197			106030-25-03 - Forensic image of an official laptop computer that Wang Yong- ming was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0198			106030-25-04 - Taiwan hard drive 48 subfolder corresponding to a flash drive that Wang Yong-ming was using in the office of F Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0199			106030-25-04 - Forensic image of a flash drive that Wang Yong-ming was using in the office of F Tainan Science Park Factory of United Microelectronics, seized on February 7, 2017	
P0200			106030-25-06 - Taiwan hard drive 48 subfolder to corresponding to a flash drive at Wang Yong-ming's residence located at 11F-9, No. 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0201			106030-25-06 - Forensic image of a flash drive at Wang Yong-ming's residence located at 11F-9, No. 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0202			106030-25-07 - Taiwan hard drive 48 subfolder to a portable hard drive at Wang Yong-ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0203			106030-25-07 - Forensic image of portable hard drive at Wang Yong-ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0204			106030-25-08 - Taiwan hard drive 48 subfolder corresponding to a portable hard drive at Wang Yong-ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0205			106030-25-08 - Forensic image of a portable hard drive at Wang Yong-ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0206			106030-25-09 - Taiwan hard drive 48 subfolder corresponding to an Acer laptop computer at Wang Yong- ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0207			106030-25-09 - Forensic image of an Acer laptop computer at Wang Yong- ming's residence located at 11F-9, 201, Wenxin South Five Road Section 1, Nantun District, Taichung City, seized on February 7, 2017	
P0208			106030-25-10 - Taiwan hard drive 48 subfolder corresponding to a laptop computer at Wang Yong-ming's residence located at 18, Hecheng Alley, Nantun District, Taichung City, seized on February 7, 2017	
P0209			106030-25-10 - Forensic image of a laptop computer at Wang Yong-ming's residence located at 18, Hecheng Alley, Nantun District, Taichung City, seized on February 7, 2017	
P0210			106030-25-11 - Taiwan hard drive 48 subfolder corresponding to a mobile hard disk that He Jian-ting used in Room 657, No.63, Dashun Six Road, Xinshi District, Tainan City, seized on February 8, 2017	



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0211			106030-25-11 - Forensic image of a mobile hard disk that He Jian-ting used in Room 657, No.63, Dashun Six Road, Xinshi District, Tainan City, seized on February 8, 2017	
P0212			106030-25-12 - Taiwan hard drive 48 subfolder corresponding to an HP laptop computer (label: UMC030761), submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0213			106030-25-12 - Forensic image of an HP laptop computer (label: UMC030761), submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0214			106030-25-13 - Taiwan hard drive 48 subfolder corresponding to a flash drive owned by Wang Yong-ming, submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0215			106030-25-13 - Forensic image of a flash drive owned by Wang Yong-ming, submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0216			106030-25-14 - Taiwan hard drive 48 subfolder corresponding to a flash drive owned by He Jian-ting, submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0217			106030-25-14 - Forensic image of a flash drive owned by He Jian-ting, submitted by United Microelectronics employee Huang Shu-han to Taichung District Prosecutors' Office of Taiwan, on February 9, 2017	
P0218			106030-25-15 - Taiwan hard drive 48 subfolder corresponding to a cell phone (phone #0910411131, 0965280938) that He Jian-ting was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0219			106030-25-15 - Forensic image of a cell phone (phone #0910411131, 0965280938) that He Jian-ting was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0220			106030-25-16 - Taiwan hard drive 48 subfolder corresponding to an Asus laptop computer that He Jian-ting was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0221			106030-25-16 - Forensic image of an Asus laptop computer that He Jian-ting was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0222			106030-25-17 - Taiwan hard drive 48 subfolder corresponding to flash drive containing He Jian-ting's emails saved by New Taipei Investigation Office, at the office of Tainan Science Park Factory of United Microelectronics, on February 14, 2017	
P0223			106030-25-17 - Forensic image of flash drive containing He Jian-ting's emails saved by New Taipei Investigation Office, at the office of Tainan Science Park Factory of United Microelectronics, on February 14, 2017	
P0224			106030-25-18 - Taiwan hard drive 48 subfolder corresponding to Rong Le-tian's IPHONE in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0225			106030-25-18 - Forensic image of Rong Le-tian's IPHONE in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0226			106030-25-19 - Taiwan hard drive 48 subfolder corresponding to Rong Le-tian's IPHONE in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0227			106030-25-19 - Forensic image of Rong Le-tian's IPHONE in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0228			106030-25-20 - Taiwan hard drive 48 subfolder corresponding to a hard drive that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0229			106030-25-20 - Forensic image of a hard drive that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0230			106030-25-21 - Taiwan hard drive 48 subfolder corresponding to a flash drive that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0231			106030-25-21 - Forensic image of a flash drive that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0232			106030-25-22 - Taiwan hard drive 48 subfolder corresponding to a mobile hard disk that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0233			106030-25-22 - Forensic image of a mobile hard disk that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0234			106030-25-23 - Taiwan hard drive 48 subfolder corresponding to a laptop computer that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0235			106030-25-23 - Forensic image of a laptop computer that Rong Le-tian was using in the office of Tainan Science Park Factory of United Microelectronics, seized on February 14, 2017	
P0236			106030-25-24 - Taiwan hard drive 48 subfolder corresponding to a flash drive that Rong Le-tian was using at United Microelectronics, seized on February 14, 2017	
P0237			106030-25-24 - Forensic image of a flash drive that Rong Le-tian was using at United Microelectronics, seized on February 14, 2017	
P0238			106030-25-25 - Taiwan hard drive 48 subfolder corresponding to a cell phone of Rong Le-tian at his residence located at 8F-5, No. 6, Dashun Three Road, Xinshi District, Tainan City, , seized on February 14, 2017	
P0239			106030-25-25 - Forensic image of a cell phone of Rong Le-tian at his residence located at 8F-5, No. 6, Dashun Three Road, Xinshi District, Tainan City, , seized on February 14, 2017	
P0240			106030-25-26 - Taiwan hard drive 48 subfolder corresponding to a 64GB flash drive containing electronic files from Wang Yong-ming's Google Drive downloaded by New Taipei Investigation Office on February 14, 2017	
P0241			106030-25-26 - Forensic image of a 64GB flash drive containing electronic files from Wang Yong-ming's Google Drive downloaded by New Taipei Investigation Office on February 14, 2017	
P0242			SSD from JT Ho's UMC work computer	UMCSSD-00000001
P0243			SSD from Neil Lee's UMC work computer	UMCSSD-00000001
P0244			Physically damaged hard drive produced by UMC pursuant to Dkt. 148 Paragraph 9e	
P0245			Stephen K. Chen Business Card	D-0000053

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0246			Sandy Kuo Business Card	D-0000053
P0247			Albert Wu Business Card	D-0000053
P0248			Xiaodong Zhang Business Card	D-0000054
P0249			Vivienne Zhao Business Card	D-0000054
P0250			Stephen K. Chen Business Card	D-0000055; D-0000056
P0251			Albert Wu Business Card	D-0000055; D-0000056
P0252			Sandy Kuo Business Card	D-0000055; D-0000056
P0253			Brochure: Invest in Jinjiang Integrated Circuit Industry	D-0000057
P0254			Brochure: CASPA 25th Annual Conference Dinner	USD-0886866
P0255			Brochure: CASPA 2016 Yearbook	USD-0886906
P0256			Handout: CASPA 2016 Annual Conference Dinner	USD-0887040
P0257			Handout: JHICC Introduction and Recruiting Event	D-0000093
P0258			Handout: Jinhua Integrated Circuit	D-0000094
P0259			Handout: Preferential Policy for Integrated Circuit Industry Talents in Jinjiang, Quanzhou, Fujian Province	D-0000098
P0260			Photographs from CAPSA Event	D-0000104
P0261			Video of Jinhua recruiting event from CASPA	D-0000119
P0262			Video of Jinhua recruiting event from CASPA - English Transcript	D-0000119_HT-00001
P0263			Audio recording of UMC internal interview of Huang Wanjun	UMCD-0000001
P0264			Audio recording of UMC internal interview of Huang Wanjun - English transcript	UMCD-0000001_HT-00001
P0265			Audio Recording of UMC internal interview of Guo Fengming	UMCD-0000002
P0266			Audio Recording of UMC internal interview of Guo Fengming - English transcript	UMCD-0000002_HT-00002
P0267			MJIB Interview video of Guo Fengming	UMCD-0000190
P0268			Taiwan Prosecutor Interview video of David Huang	UMCD-0000045
P0269			Line chats between Kenny Wang and JT Ho	USD-0000513
P0270			Line chats between Kenny Wang and JT Ho - English translation	USD-0000513_HT-00001
P0271			Fully executed JT Ho Labor Contract with JHICC	D-0000970
P0272			Fully executed JT Ho Labor Contract with JHICC Translation	D-0000970_HT-00001
P0273			Interview Transcript of Wu Guohao - MJIB	D-0000326
P0274			Interview Transcript of Wu Guohao Translation - MJIB	D-0000326_HT-00001
P0275			Interview Transcript of Wei Mingde 2-14-2017 - MJIB	D-0000598
P0276			Interview Transcript of Wei Mingde 2-14-2017 Translation - MJIB	D-0000598_HT-00001
P0277			Interview Transcript of CHEN Shiyao 2-19-2019 - Prosecutor	D-0000682
P0278			Interview Transcript of CHEN Shiyao 2-19-2019 Translation (excerpts filed at Dkt. 254) - Prosecutor	D-0000682_HT-00001
P0279			Interview Transcript of LO Hero 1-29-2019 - Prosecutor	D-0000752
P0280			Interview Transcript of LO Hero 1-29-2019 Translation (excerpts filed at Dkt. 254) - Prosecutor	D-0000752_HT-00001
P0281			Interview Transcript of HUANG Shuhan 12-19-2018 - Prosecutor	D-0000760
P0282			Interview Transcript of HUANG Shuhan 12-19-2018 Translation - Prosecutor	D-0000760_HT-00001
P0283			Interview Transcript of HUANG Shuhan 12-19-2018 - Prosecutor	D-0000768
P0284			Interview Transcript of HUANG Shuhan 12-19-2018 Translation - Prosecutor	D-0000768_HT-00001
P0285			Interview Transcript of Bangming Wang 12-19-2018 - Prosecutor	D-0000875
P0286			Interview Transcript of Bangming Wang 12-19-2018 Translation - Prosecutor	D-0000875_HT-00001
P0287			Interview Transcript of Bangming Wang 12-19-2019 - Prosecutor	D-0000889
P0288			Interview Transcript of Bangming Wang 12-19-2019 Translation - Prosecutor	D-0000889_HT-00001
P0289			Interview Transcript of Wu Kunrong 2-19-2019 - Prosecutor	D-0000942

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0290			Interview Transcript of Wu Kunrong 2-19-2019 Translation (excerpts filed at Dkt. 254) - Prosecutor	D-0000942_HT-00001
P0291			Interview Transcript of XIAO Xinhua 1-29-2019 - Prosecutor	D-0000954
P0292			Interview Transcript of XIAO Xinhua 1-29-2019 Translation (excerpts filed at Dkt. 236-6) - Prosecutor	D-0000954_HT-00001
P0293			Interview Transcript of YOU Zhenfu 1-29-2019 - Prosecutor	D-0000960
P0294			Interview Transcript of YOU Zhenfu 1-29-2019 Translation (excerpts filed at Dkt. 236-8) - Prosecutor	D-0000960_HT-00001
P0295			Interview Transcript of David Huang 4-22-2019 - Prosecutor	UMCD-0000003
P0296			Interview Transcript of David Huang 4-22-2019 Translation - Prosecutor	UMCD-0000003_HT-00001
P0297			Interview Transcript of David Huang 4-22-2019 - Prosecutor	UMCD-0000015
P0298			Interview Transcript of David Huang 4-22-2019 Translation - Prosecutor	UMCD-0000015_HT-00001
P0299			Interview Transcript of ZHANG Jianping 4-22-2019 - Prosecutor	USD-0838615
P0300			Interview Transcript of ZHANG Jianping 4-22-2019 Translation - Prosecutor	USD-0838615_HT-00001
P0301			Interview Transcript of ZHANG Jianping 4-22-2019 - Prosecutor	USD-0838621
P0302			Interview Transcript of ZHANG Jianping 4-22-2019 Translation - Prosecutor	USD-0838621_HT-00001
P0303			Interview Transcript of ZHANG Jianping 4-22-2019 - Prosecutor	USD-0838627
P0304			Interview Transcript of ZHANG Jianping 4-22-2019 Translation - Prosecutor	USD-0838627_HT-00001
P0305			Interview Transcript of JT Ho 2-14-2017 - MJIB	D-0000200
P0306			Interview Transcript of JT Ho 2-14-2017 Translation (excerpts filed at Dkt. 254) - MJIB	D-0000200_HT-00001
P0307			Interview Transcript of JT Ho 2-15-2017 - Prosecutor	D-0000254
P0308			Interview Transcript of JT Ho 2-15-2017 Translation (excerpts filed at Dkt. 254) - Prosecutor	D-0000254_HT-00001
P0309			Interview Transcript of LT Rong 2-14-2017 - MJIB	D-0000344
P0310			Interview Transcript of LT Rong 2-14-2017 Translation - MJIB	D-0000344_HT-00001
P0311			Interview Transcript of LT Rong 2-15-2017 - Prosecutor	D-0000366
P0312			Interview Transcript of LT Rong 2-15-2017 Translation - Prosecutor	D-0000366_HT-00001
P0313			Interview Transcript of Kenny Wang 2-7-2017 - MJIB	D-0000410
P0314			Interview Transcript of Kenny Wang 2-7-2017 Translation - MJIB	D-0000410_HT-00001
P0315			Interview Transcript of Kenny Wang 2-14-2017 - MJIB	D-0000434
P0316			Interview Transcript of Kenny Wang 2-14-2017 Translation - MJIB	D-0000434_HT-00001
P0317			Interview Transcript of Kenny Wang 2-8-2017 - Prosecutor	D-0000456
P0318			Interview Transcript of Kenny Wang 2-8-2017 Translation - Prosecutor	D-0000456_HT-00001
P0319			Interview Transcript of Kenny Wang 2-15-2017 - Prosecutor	D-0000472
P0320			Interview Transcript of Kenny Wang 2-15-2017 Translation - Prosecutor	D-0000472_HT-00001
P0321			Interview Transcript of Li Fuzhe 12-19-2018 - Prosecutor	D-0000790
P0322			Interview Transcript of Li Fuzhe 12-19-2018 Translation (excerpts filed at Dkt. 236-12) - Prosecutor	D-0000790_HT-00001
P0323			Interview Transcript of QUE Liangwu 12-19-2018 - Prosecutor	D-0000816
P0324			Interview Transcript of QUE Liangwu 12-19-2018 Translation (excerpts filed at Dkt. 254) - Prosecutor	D-0000816_HT-00001
P0325			Interview Transcript of GUO Fengming 4-22-2019 - Prosecutor	UMCD-0000149
P0326			Interview Transcript of GUO Fengming 4-22-2019 Translation (excerpts filed at Dkt. 236-15) - Prosecutor	UMCD-0000149_HT-00001
P0327			Interview Transcript of GUO Fengming 4-22-2019 - Prosecutor	UMCD-0000183
P0328			Interview Transcript of GUO Fengming 4-22-2019 Translation - Prosecutor	UMCD-0000183_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0329			Deposition Transcript of Jennifer Wang 7-9-2018 (excerpts filed at Dkt. 236-1)	USD-0351361
P0330			Deposition Transcript of Stephen Chen 7-10-2018 (excerpts filed at Dkt. 236-2)	USD-0351510
P0331			APTD Overview by Dr Ping.msg	USD-0003770
P0332			Transcript of abbreviated audio recording of UMC internal interview of Huang Wanjun	UMCD-0000025
P0332T			Translation of Transcript of abbreviated audio recording of UMC internal interview of Huang Wanjun	UMCD-0000025_HT-00001
P0333			Transcript of abbreviated audio recording of UMC internal interview of Guo Fengmin	UMCD-0000031
P0333T			Translation of Transcript of abbreviated audio recording of UMC internal interview of Guang Fengming	UMCD-0000031_HT-00001
P0334			E-mail message from Stephen Chen to J.T. Ho and Neil Lee 11/20/2015	UMCDOJ-00158458
P0335			E-mail message from Stephen Chen to Stephen Chen 12/31//2015 re: 25 beyond	UMCDOJ-00159301
P0336			25 beyond PowerPoint presentation	UMCDOJ-00159302
P0337			Stephen Chen 1/18/2016 Technology Enablers PowerPoint presentation	UMCDOJ-00159756
P0338			E-mail message from Stephen Chen to J.T. Ho re: NB for Project X	UMCDOJ-00381619
P0339			Excel worksheet with NB specifications	UMCDOJ-00381620
P0340			Project-M Module Weekly Report 3/16/2016	UMCDOJ-00489665
P0341			UMC Board Materials re: release of Stephen Chen's non-competition clause	UMCDOJ-06920267
P0341T			Translation of UMC Board Materials re: release of Stephen Chen's non-competition clause	UMCDOJ-06920267_HT-00001
P0342			DRAM and APTD Overview (24 Oct'16) Dr Ping.pdf	USD-0003771
P0343			re: umc project m - credit.msg	USD-0003942
P0344			Letter to UMC re DRAM Project.docx	USD-0003943
P0345			IMG_0960.JPG	USD-0842249
P0346			Certificate with Respect to Seized Items for Forensic Images of Devices Seized by MJIB	USD-0885770 at USD-0885774 - 80
P0347			TAB A MTI MMT Design Engineering Services Agreement (2 28 14).pdf	USD-0886085
P0348			TAB F KW email to Austin Chen asking to move leaving date April 17 2016	USD-0886238
P0349			TAB G June 2 2016 HR summary on kennyw	USD-0886239
P0350			TAB H Selected AND DEDUPED Portion of DLP Report for Kenny Wang 07262016.xlsx	USD-0886240
P0351			TAB I Email appearing to refer to trade secret theft April 20 2016	USD-0886241
P0352			TAB K KW farewell email april 26 2016	USD-0886245
P0353			TAB L SIA China Update - Jinhua IC DRAM Project Ground Breaking - July 19.pdf	USD-0886246
P0354			TAB M April 19 email asking Peter Lin for para_n_f25 files which KW later copies	USD-0886252
			Attachment: PARA_N_F25.xlsx	USD-0886253
P0355			TAB N Transcript-for-1132954-WANG	USD-0886254
P0356			TAB O Copy of KW-T-detail	USD-0886259
P0357			TAB Q InfoSec-Module.docx	USD-0886264
P0358			FRE 1006 Master Timeline	USEXPERT_BANDEME R-00000001
P0359			FRE 1006 Chart re Indicted Trade Secret 1 (2)	USEXPERT_CRAIN-00000151



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0360			FRE 1006 Chart re Indicted Trade Secret 1 (3)	USEXPERT_CRAIN-00000152
P0361			FRE 1006 Chart re Indicted Trade Secret 1 (4)	USEXPERT_CRAIN-00000153
P0362			FRE 1006 Chart re Indicted Trade Secret 1 (5)	USEXPERT_CRAIN-00000154
P0363			FRE 1006 Chart re Indicted Trade Secret 1 (6, 10-16)	USEXPERT_CRAIN-00000155
P0364			FRE 1006 Chart re Indicted Trade Secret 1 (7)	USEXPERT_CRAIN-00000156
P0365			FRE 1006 Chart re Indicted Trade Secret 1 (8,9)	USEXPERT_CRAIN-00000157
P0366			FRE 1006 Chart re Indicted Trade Secret 1 (17)	USEXPERT_CRAIN-00000158
P0367			FRE 1006 Chart re Indicted Trade Secret 2	USEXPERT_CRAIN-00000159
P0368			FRE 1006 Chart re Indicted Trade Secret 3	USEXPERT_CRAIN-00000160
P0369			FRE 1006 Chart re Indicted Trade Secret 4	USEXPERT_CRAIN-00000161
P0370			FRE 1006 Chart re Indicted Trade Secret 5	USEXPERT_CRAIN-00000162
P0371			FRE 1006 Chart re Indicted Trade Secret 6	USEXPERT_CRAIN-00000163
P0372			FRE 1006 Chart re Indicted Trade Secret 7	USEXPERT_CRAIN-00000164
P0373			FRE 1006 Chart re Indicted Trade Secret 8	USEXPERT_CRAIN-00000165
P0374			FRE 1006 Chart re Wang UMC-Issued Laptop (BRG003)	USEXPERT_CRAIN-00000167
P0375			FRE 1006 Chart re Second Wang Laptop (BRG008)	USEXPERT_CRAIN-00000168
P0376			FRE 1006 Chart re Wang Laptop (BRG009)	USEXPERT_CRAIN-00000169
P0377			FRE 1006 Chart re Ho Laptop (BRG011)	USEXPERT_CRAIN-00000170
P0378			FRE 1006 Chart re Second UMC Laptop Used by Ho (BRG012)	USEXPERT_CRAIN-00000171
P0379			FRE 1006 Chart re Wang USB Drive (BRG013)	USEXPERT_CRAIN-00000172
P0380			FRE 1006 Chart re Ho USB Drive (BRG014)	USEXPERT_CRAIN-00000173
P0381			FRE 1006 Chart re Wang Google Drive (BRG026)	USEXPERT_CRAIN-00000174
P0382			FRE 1006 Chart re Lee UMC-Issued Laptop (BRG027)	USEXPERT_CRAIN-00000175
P0383			FRE 1006 Chart Ho UMC-Issued Laptop (BRG028)	USEXPERT_CRAIN-00000176
P0384			FRE 1006 Chart Unrecovered Device(s)	USEXPERT_CRAIN-00000177
P0385			FRE 1006 Chart Summary of Indicted Trade Secret Access	USEXPERT_CRAIN-00000179



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0386			FRE 1006 Chart Summary of Matrix of Indicted Trade Secret Access	USEXPERT_CRAIN-00000180
P0388			Micron Technology Inc. annual and interim reports on Forms 10-K, 10-Q, and 8-K from 2013-2020	
P0389			United Microelectronics Corporation, Inc. annual reports on Form 20-F from 2013-2018	
P0390			Email Thread of 05/01/2018 regarding Fw: Need your help	USD-0348284
P0391			Email Thread of 04/25/2018 regarding Fw: CASPA annual conference	USD-0348322
P0392			Email Thread of 10/19/2016 regarding Fw: 美國行程表更新版及行前提醒	USD-0348326
P0392T			Translation of Email Thread of 10/19/2016 regarding Fw: 美國行程表更新版及行前提醒	USD-0348326_HT-00001
P0393			Email Thread of 5/26/2016 regarding Re: SVP Chen invited to lunch today	UMCDOJ-06500492
P0401			Article technews.tw 2016-02-01 unigroup-dram-fab	D-0000008
P0401T			Translation of Article technews.tw 2016-02-01 unigroup-dram-fab	D-0000008_HT-00001
P0402			Article technews.tw 2016-03-11 taiwan-japan-china dram factory	D-0000012
P0402T			Translation of Article technews.tw 2016-03-11 taiwan-japan-china dram factory	D-0000012_HT-00001
P0403			Article technews.tw 2016-03-21 xmc-flash	D-0000016
P0403T			Translation of Article technews.tw 2016-03-21 xmc-flash	D-0000016_HT-00001
P0404			Article technews.tw 2016-03-24 unigroup-invest-30-billion	D-0000019
P0404T			Translation of Article technews.tw 2016-03-24 unigroup-invest-30-billion	D-0000019_HT-00001
P0405			Article technews.tw 2016-04-18 umc-dram	D-0000021
P0405T			Translation of Article technews.tw 2016-04-18 umc-dram	D-0000021_HT-00001
P0406			Letter to JT Ho 2016.4.19	D-0000025
P0406T			Translation of Letter to JT Ho 2016.4.19	D-0000025_HT-00001
P0407			Micron Email KW 04202016 614 PM	D-0000046
P0407T			Translation of Micron Email KW 04202016 614 PM	D-0000046_HT-00001
P0408			Jinhua Integrated Circuit JHICC Trip Report 1024_2016_Redacted	D-0000120
P0409			Micron Kenny W Case Report_Redacted	D-0000132
			Attachment: PLACE HOLDER: Activities_1.txt	D-0000149
			Attachment: Activities_2.txt	D-0000150
			Attachment: CcleanerHistory.xlsx	D-0000151
			Attachment: Chrome_keywordSearch.xlsx	D-0000152
			Attachment: Chrome_LoginData.xlsx	D-0000153
			Attachment: Files_1.txt	D-0000154
			Attachment: GoogleDriveFiles.xlsx	D-0000155
			Attachment: Internet_History.xlsx	D-0000156
			Attachment: Quota_1.txt	D-0000157
			Attachment: Quota_2.txt	D-0000158
P0409T			Micron Kenny W Case Report_Redacted	D-0000132
			Attachment: PLACE HOLDER: Activities_1.txt	D-0000149
			Attachment: Activities_2.txt	D-0000150
			Translation of Attachment: CcleanerHistory.xlsx	D-0000151_HT-00001
			Translation of Attachment: Chrome_keywordSearch.xlsx	D-0000152_HT-00001
			Attachment: Chrome_LoginData.xlsx	D-0000153
			Attachment: Files_1.txt	D-0000154
			Attachment: GoogleDriveFiles.xlsx	D-0000155
			Attachment: Internet_History.xlsx	D-0000156
			Attachment: Quota_1.txt	D-0000157
			Attachment: Quota_2.txt	D-0000158

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0410			Reference Official No. 10500055030 of Review II by the Taiwan Ministry of Economics	D-0000630
P0410T			Translation of Reference Official No. 10500055030 of Review II by the Taiwan Ministry of Economics	D-0000630_HT-00001
P0411			Excel spreadsheet/file listing in seized devices	D-0000980
P0412			Chen will become JHICC President to assist DRAM plant construction	D-0001102
			Attachment: Article on Stephen Chen's promotion	D-0001103
P0413			S#12 Attachment [re: my resume_SY Chen][formerly USD-0000097-102]	D-0001287
P0413T			Translation of S#12 Attachment [re: my resume_SY Chen][formerly USD-0000097-102]	D-0001287_HT-00001
P0414			S#47 Attachment 1 [Micron Employment Agreement][formerly USD-0000218-235]	D-0001295
P0415			CIPA(美光)_李甫哲.pdf	MICRON00000083
P0416			EA(美光)_李甫哲.pdf	MICRON00000093
P0417			Reminding Letter to Neil Lee(UMC)_2016.4.19.pdf	MICRON00000100
P0417T			Translation of Reminding Letter to Neil Lee(UMC)_2016.4.19.pdf	MICRON00000100_HT-00001
P0418			Training records_Neil Lee.pdf	MICRON00000120
P0419			Rexchip Electronics Co., Ltd. Annual Report for 2009	MICRON00001802
P0419T			Translation of Rexchip Electronics Co., Ltd. Annual Report for 2009	MICRON00001802_HT-00001
P0420			Rexchip Electronics Co., Ltd. Annual Report for 2010	MICRON00001923
P0420T			Translation of Rexchip Electronics Co., Ltd. Annual Report for 2010	MICRON00001923_HT-00001
P0421			Rexchip Electronics Co., Ltd. Annual Report for 2011	MICRON00002035
P0421T			Translation of Rexchip Electronics Co., Ltd. Annual Report for 2011	MICRON00002035_HT-00001
P0422			Rexchip Electronics Co., Ltd. Corporate Document	MICRON00002154
P0422T			Translation of Rexchip Electronics Co., Ltd. Corporate Document	MICRON00002154_HT-00001
P0423			Rexchip Electronics Co., Ltd. Statement of Internal Controls for 2011	MICRON00002155
P0424			Deloitte Touche Tohmatsu Opinion on Rexchip Electronics Co., Ltd. Internal Controls for 2009	MICRON00002157
P0424T			Translation of Deloitte Touche Tohmatsu Opinion on Rexchip Electronics Co., Ltd. Internal Controls for 2009	MICRON00002157_HT-00001
P0425			2301F0D3.pptx	TAIWANHD-00000175
			Attachment: media1.avi	TAIWANHD-00000176
			Attachment: Microsoft Excel Worksheet4.xlsx	TAIWANHD-00000177
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-00000178
			Attachment: Microsoft Excel Worksheet3.xlsx	TAIWANHD-00000179
P0426			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00000180
			A92BA3AC.pptx	TAIWANHD-00000197
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00000198
			Attachment: Microsoft Excel Worksheet4.xlsx	TAIWANHD-00000199
			Attachment: Microsoft Excel Worksheet3.xlsx	TAIWANHD-00000200
P0427			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-00000201
			AJ88 K27GC split table_20170206.xlsx	TAIWANHD-00000216

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0428			Structure DRAM (Micron).ppt	TAIWANHD-00000275
			Attachment: [Unnamed Document]	TAIWANHD-00000276
			Attachment: [Unnamed Document]	TAIWANHD-00000277
			Attachment: [Unnamed Document]	TAIWANHD-00000278
			Attachment: [Unnamed Document]	TAIWANHD-00000279
			Attachment: [Unnamed Document]	TAIWANHD-00000280
			Attachment: [Unnamed Document]	TAIWANHD-00000281
P0429			F32 FMEA Review 0907.pptx	TAIWANHD-00000300
P0430			F32 FMEA Review 1012.pptx	TAIWANHD-00000301
P0431			F32 FMEA Review 1101.pptx	TAIWANHD-00000302
P0432			F32 FMEA Review 1230.pptx	TAIWANHD-00000303
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00000304
P0433			F32 STI~BWL FMEA Review-1227.pptx	TAIWANHD-00000323
			Attachment: Microsoft Excel 97-2003 Worksheet2.xls	TAIWANHD-00000324
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-00000325
			Attachment: Microsoft Excel 97-2003 Worksheet1.xls	TAIWANHD-00000326
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00000327
			Attachment: Microsoft Excel Worksheet3.xlsx	TAIWANHD-00000328
			Attachment: Microsoft PowerPoint 4.pptx	TAIWANHD-00000329
P0434			F32 TV0 Flow FMEA Review (TG~PPLUS) 20161220_TY.pptx	TAIWANHD-00000336
P0435			F32 TV0 Flow FMEA_2 Review (SN)20161228.pptx	TAIWANHD-00000337
P0436			25nm DRAM TV0 imp proposal revised-含RECIPE NAME 2.xlsx	TAIWANHD-00000392
P0437			25nm DRAM TV0 imp proposal revised-含RECIPE NAME.xlsx	TAIWANHD-00000393
P0438			25nm DRAM TV0 imp proposal revised-For Device.xlsx	TAIWANHD-00000394
P0439			25nm DRAM TV0 imp proposal_0614_step naming.xlsx	TAIWANHD-00000396
P0440			25nm DRAM TV0 imp proposal_0704 - update.xlsx	TAIWANHD-00000397
P0441			25nm DRAM TV0 imp proposal_0704.xlsx	TAIWANHD-00000398
P0442			25nm DRAM TV0 imp proposal_0801.xlsx	TAIWANHD-00000399
P0443			F32 TV0 Kickoff Meeting_v6.pptx	TAIWANHD-00000482
P0444			P+ Poly B penetration concern - (DOE) 20160815.pptx	TAIWANHD-00000523
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00000524
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-00000525
P0445			F32 FMEA Review 0907.pptx	TAIWANHD-00001006
P0446			65nm logic FEOL preoess flow report.pptx	TAIWANHD-00001159
P0447			M-Project DEVICE TASK ROAD MAP_20160518.pptx	TAIWANHD-00001464
P0448			M-Project DEVICE weekly report_20160525.pptx	TAIWANHD-00001466
P0449			PM2 Device bi-weekly update_20170103.pptx	TAIWANHD-00001571
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00001572
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-00001573
			Attachment: Microsoft Excel Worksheet3.xlsx	TAIWANHD-00001574
			Attachment: Microsoft Excel Worksheet4.xlsx	TAIWANHD-00001575
P0450			F32 FMEA Review 1230.pptx	TAIWANHD-00004271
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-00004272
P0451			DRAM RnD Technology Roadmap-20160218.pptx	TAIWANHD-00004543
P0452			※華Pj Design Review_20161206.pdf	TAIWANHD-00004594
P0453			Email Thread of 02/02/2017 regarding Re: Meeting mimnutes: DPCV for DRAM material 2017/01/25 -3	TAIWANHD-00004612
			Attachment: 20170125MeetingNotes.pptx	TAIWANHD-00004613
P0454			110s flow compare.xlsx	TAIWANHD-00016565
P0455			ECD-2013000643-001 4G3D Training_Product outline.ppt	TAIWANHD-00017844
P0456			2. Org chart of F16.pdf	TAIWANHD-00032477
P0457			Technology Transfer Introduction 20121115.ppt	TAIWANHD-00032489
P0458			Fab16 new org chart and mission_150107.pptx	TAIWANHD-00032499

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0459			110s Step WS Mapping.xlsx	TAIWANHD-00032605
P0460			Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0831 discussion-backup.xlsx	TAIWANHD-00032606
P0461			Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16).xlsx	TAIWANHD-00032609
P0462			110s TOR-PDM_EXCEL_TEMP_EXPORT-20150630.xlsx	TAIWANHD-00032653
P0463			dram_110_series_(1xnm)_traveler_(z11a)-2015, Jan.pdf	TAIWANHD-00032654
P0464			dram_1xnm_process_(v10a) - summary_flow_document.pdf	TAIWANHD-00032656
P0465			110s_DRAM_Z11A_F15_F16_TSS_synchronization_file.xlsx	TAIWANHD-00032664
P0466			PDM_Trav_Setup_Z11A_RnD_Jun_15_POR_upload-Rev3.xlsx	TAIWANHD-00032671
P0467			Capacitor-HK Tool and Process Strategy - Jan 7-2015.pptx	TAIWANHD-00032677
P0468			20nm process into Feb192014.pptx	TAIWANHD-00033604
P0469			Fab15 25nm 4G3D&4GLP3 Process Flow_20131206.xlsx	TAIWANHD-00034117
P0470			25nm Process Flow Rev.02.pdf	TAIWANHD-00035020
P0471			25nm_process_flow_sept_2013.ppt.pptx	TAIWANHD-00035024
			Attachment: Microsoft Office Excel_97-2003_Worksheet2.xls	TAIWANHD-00035025
			Attachment: Microsoft Office Excel_97-2003_Worksheet1.xls	TAIWANHD-00035026
P0472			Email Thread of 01/23/2015 regarding RE: Training Material for 1/26 ABAC Case Studies - 商業行為與道德準則	TAIWANHD-02094940
			Attachment: Micron 商業行為與道德準則(中文版).pdf	TAIWANHD-02094941
P0473			Micron 商業行為與道德準則(中文版).pdf	TAIWANHD-02113306
P0474			F16_Mission_and_Strategies_Overview_20150604[1].pptx	TAIWANHD-02121051
P0475			何建廷 personal file.pptx	TAIWANHD-02121187
P0476			F32 25nm Flow summary-jt study.xls	TAIWANHD-02125025
P0477			Meeting minute 20151207.xlsx	TAIWANHD-02125058
P0477T			Translation of Meeting minute 20151207.xlsx	TAIWANHD-02125058_HT-00001
P0478			STI gap fill process development_20150914.pptx	TAIWANHD-02160155
P0479			Template_Tool Mapping_Fab11_Fab16 110sD Tool Risk (F16)-0908 2.xlsx	TAIWANHD-02160156
P0480			F32 25nm Flow summary-jt study.xls	TAIWANHD-02160178
P0481			F32 flow discussion.xls	TAIWANHD-02160179
P0482			Meeting minute 20151207 3.xlsx	TAIWANHD-02160180
P0482T			Translation of Meeting minute 20151207 3.xlsx	TAIWANHD-02160180_HT-00001
P0483			UMC step naming.xlsx	TAIWANHD-02160181
P0484			UMC step naming_sf-1209.xlsx	TAIWANHD-02160182
P0485			UMC step naming_sf-1210 4.xlsx	TAIWANHD-02160183
P0486			UMC step naming_sf-1211 2.xlsx	TAIWANHD-02160184
P0487			UMC step naming_sf-1211 3.xlsx	TAIWANHD-02160185
P0488			UMC step naming_sf-1214 2.xlsx	TAIWANHD-02160186
P0489			UMC step naming_sf-1215 2.xlsx	TAIWANHD-02160187
P0490			UMC step naming_sf-1215 3.xlsx	TAIWANHD-02160188
P0491			UMC step naming_sf-1215 4.xlsx	TAIWANHD-02160189
P0492			UMC step naming_sf-1216 2.xlsx	TAIWANHD-02160190
P0493			UMC step naming_sf-1217 3.xlsx	TAIWANHD-02160191
P0494			UMC step naming_sf-1218 2.xlsx	TAIWANHD-02160192
P0495			UMC step naming_sf.xlsx	TAIWANHD-02160193
P0496			UMC step naming_sf 2.xlsx	TAIWANHD-02160195
P0497			UMC step naming_sf 3.xlsx	TAIWANHD-02160196
P0498			UMC step naming_sf 4.xlsx	TAIWANHD-02160197
P0499			UMC step naming_sf 5.xlsx	TAIWANHD-02160198
P0500			UMC step naming_sf 6.xlsx	TAIWANHD-02160199
P0501			Flow Discussion_20160218_rev6.xlsx	TAIWANHD-02161366

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0502			Flow Discussion_20160219_rev6.xlsx	TAIWANHD-02161367
P0503			Manpower estimation for Project M_20160216.pptx	TAIWANHD-02161582
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-02161583
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-02161584
P0504			NBD Mission.pptx	TAIWANHD-02161615
P0505			Offsite workshop_20160614-PI1.pptx	TAIWANHD-02161616
P0506			PM2-PI1 Mission(old).pptx	TAIWANHD-02161617
P0507			PM2-PI1.pptx	TAIWANHD-02161618
P0508			DRAM Development Progress_SFTzou_v5_0524.pptx	TAIWANHD-02161623
P0508T			Translation of DRAM Development Progress_SFTzou_v5_0524.pptx	TAIWANHD-02161623_HT-00001
P0509			DRAM RnD Technology Roadmap-20160218.pptx	TAIWANHD-02161666
P0510			Project M Milestone V2~V3_20160128-neillee.pptx	TAIWANHD-02161692
			Attachment: Microsoft Excel Worksheet2.xlsx	TAIWANHD-02161693
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-02161694
P0511			Project M Process Flow @ 0519 2016.pptx	TAIWANHD-02162054
P0511T			Translation of Project M Process Flow @ 0519 2016.pptx	TAIWANHD-02162054_HT-00001
P0512			UMC step naming.xlsx	TAIWANHD-02162069
P0513			My ID.pptx	TAIWANHD-02164902
P0513T			Translation of My ID.pptx	TAIWANHD-02164902_HT-00001
P0514			證件.ppt	TAIWANHD-02164906
P0514T			Translation of 證件.ppt	TAIWANHD-02164906_HT-00001
P0515			Simulated results for new implant condition-2-13.pptx	TAIWANHD-02165263
			Attachment: Microsoft Excel Worksheet1.xlsx	TAIWANHD-02165264
P0516			Email Thread of 02/06/2017 regarding Fw: Meeting request for DPCV pilot-run project	TAIWANHD-02165345
P0517			Email Thread of 02/03/2017 regarding Re: UMC-JHICC-PDF 3way NDA.doc	TAIWANHD-02165347
			Attachment: UMC-JHICC-PDF 3way NDA.doc	TAIWANHD-02165348
P0517T			Translation of Email Thread of 02/03/2017 regarding Re: UMC-JHICC-PDF 3way NDA.doc	TAIWANHD-02165347_HT-00001
			Attachment: UMC-JHICC-PDF 3way NDA.doc	TAIWANHD-02165348
P0518			Email Thread of 01/19/2017 regarding 0000047.eml	TAIWANHD-02165368
P0519			Email Thread of 01/18/2017 regarding 0000051.eml	TAIWANHD-02165372
P0520			Email Thread of 01/14/2017 regarding 0000057.eml	TAIWANHD-02165381
P0521			Email Thread of 01/05/2017 regarding Fw: F32nmP«¥P«íµfiÖëiÖiÄP««clean.docx	TAIWANHD-02165391
			Attachment: F32nmP«¥P«íµfiÖëiÖiÄP««clean.docx	TAIWANHD-02165392
P0521T			Translation of Email Thread of 01/05/2017 regarding Fw: F32nmP«¥P«íµfiÖëiÖiÄP««clean.docx	TAIWANHD-02165391_HT-00001
			Attachment: F32nmP«¥P«íµfiÖëiÖiÄP««clean.docx	TAIWANHD-02165392
P0522			Email Thread of 12/19/2016 regarding 0000080.eml	TAIWANHD-02165414
P0523			Email Thread of 11/14/2016 regarding RE: F32nm DSA 掃描檔	TAIWANHD-02165472
			Attachment: F32nm DSA UMI and UMC signed.pdf	TAIWANHD-02165473
P0523T			Translation of Email Thread of 11/14/2016 regarding RE: F32nm DSA 掃描檔	TAIWANHD-02165472_HT-00001
			Translation of Attachment: F32nm DSA UMI and UMC signed.pdf	TAIWANHD-02165473_HT-00001



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P0524			Email Thread of 11/09/2016 regarding Fw: F32nm设计服务协议_20161109	TAIWANHD-02165487
			Attachment: Itj F32nm设计服务协议_20161109.docx	TAIWANHD-02165488
P0525			Email Thread of 11/02/2016 regarding Re: Fw: : Re: 回复 : Fw: Design Service Agreement - Ultra Memory Inc.	TAIWANHD-02165515
			Attachment: Ultramemory Profile 20161102.pptx	TAIWANHD-02165516
P0526			Email Thread of 12/08/2016 regarding 0000014.eml	TAIWANHD-02165735
P0526T			Translation of Email Thread of 12/08/2016 regarding 0000014.eml	TAIWANHD-02165735_HT-00001
P0527			Email Thread of 12/02/2016 regarding Re: F32 tool model list request	TAIWANHD-02165736
			Attachment: F32 DRAM Tool list Entity Summary 20161028 - Neillee update-final.xlsx	TAIWANHD-02165737
P0528			F32DRAM製造設備列表_2016DEC.docx	TAIWANHD-02166057
P0528T			Translation of F32DRAM製造設備列表_2016DEC.docx	TAIWANHD-02166057_HT-00001
P0529			F32_DRAM Device Weekly report_SG_20170213-3.pptx	TAIWANHD-02166062
P0530			fuse.xlsx	TAIWANHD-02166166
P0531			活頁簿1.xlsx	USD-0392401
P0532			Rexchip 25nm Flow summary_IMP_RTP.xls	TAIWANHD-02166381
P0533			儲存媒體檔案清單.xlsx	TAIWANHD-02166445
P0534			DDR4TOP_040716_merged.gds	TAIWANHD-02166578
P0535			DDR3TOP_D_SA.gds	TAIWANHD-02166597
P0536			Project M Process Flow @ 0922 2016_DRAM 小教室.pptx	TAIWANHD-02166622
P0536T			Translation of Project M Process Flow @ 0922 2016_DRAM 小教室.pptx	TAIWANHD-02166622_HT-00001
P0537			1Xnm mor_por②-jt study.xlsx	TAIWANHD-02287221
P0538			F32 FMEA Review 1230v2.pptx	TAIWANHD-02310265
			Attachment: Microsoft_Excel_Worksheet1.xlsx	TAIWANHD-02310266
P0539			Process Comparison 3x SDRAM.pdf	TAIWANHD-02310552
P0540			25nm DRAM TV0 imp proposal_0704.xlsx	TAIWANHD-02313823
P0541			F32 FMEA Review 1230.pptx	TAIWANHD-02315804
			Attachment: Microsoft_Excel_Worksheet1.xlsx	TAIWANHD-02315805
P0542			F32 FMEA Review 1230v2.pptx	TAIWANHD-02315807
			Attachment: Microsoft_Excel_Worksheet1.xlsx	TAIWANHD-02315808
P0543			Report.pdf	TAIWANHD-02318618
P0544			OA hardware application completion form	UMCD-0000033
P0544T			Translation of OA hardware application completion form	UMCD-0000033_HT-00001
P0545			Guo Fengming (2) [302 S#131 Attachments]	UMCD-0000159
P0545T			Translation of Guo Fengming (2) [302 S#131 Attachments]	UMCD-0000159_HT-00001
P0546			5BC999DE.pptx	UMCDOJ-00009217
			Attachment: 1.xlsx	UMCDOJ-00009224
P0547			DRAM Development Progress Report_Sep_2017簡_0904.pptx	UMCDOJ-00009666
			Attachment: 1.xlsx	UMCDOJ-00009706
			Attachment: 2.xlsx	UMCDOJ-00009707
P0547T			Translation of DRAM Development Progress Report_Sep_2017簡_0904.pptx	UMCDOJ-00009666_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00009706
			Attachment: 2.xlsx	UMCDOJ-00009707
P0548			DRAM Development for NCKU talk v2_20161201.pptx	UMCDOJ-00010355
			Attachment: 1.xlsx	UMCDOJ-00010376
			Attachment: 2.xlsx	UMCDOJ-00010377



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P0548T			Translation of DRAM Development for NCKU talk v2_20161201.pptx	UMCDOJ-00010355_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00010376
			Attachment: 2.xlsx	UMCDOJ-00010377
P0549			F32&F32s development status update-20171228.pptx	UMCDOJ-00010476
			Attachment: 1.xlsx	UMCDOJ-00010485
P0549T			Translation of F32&F32s development status update-20171228.pptx	UMCDOJ-00010476_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00010485
P0550			M project introduction for Toshiba 0323.pptx	UMCDOJ-00010541
P0551			M project introduction_0330.pptx	UMCDOJ-00010549
			Attachment: 1.xlsx	UMCDOJ-00010565
P0552			Product roadmap.pptx	UMCDOJ-00010609
P0553			R&D achievement 05022018.docx	UMCDOJ-00010612
P0553T			Translation of R&D achievement 05022018.docx	UMCDOJ-00010612_HT-00001
P0554			Email Thread of 11/30/2016 regarding Jinhua introduction	UMCDOJ-00063948
			Attachment: 认识晋华集成电路_20161028 - total.pdf	UMCDOJ-00063949
P0554T			Email Thread of 11/30/2016 regarding Jinhua introduction	UMCDOJ-00063948
			Translation of Attachment: 认识晋华集成电路_20161028 - total.pdf	UMCDOJ-00063949_HT-00001
P0555			Email Thread of 12/19/2016 regarding Re: 12月晉華月報	UMCDOJ-00063988
			Attachment: PM1 Annual report for JHICC_Dec_2016_v3.pptx	UMCDOJ-00063991
			Attachment: P 81 of PM1 Annual report for JHICC_Dec_2016_v2.pptx	UMCDOJ-00064094
P0555T			Translation of Email Thread of 12/19/2016 regarding Re: 12月晉華月報	UMCDOJ-00063988_HT-00001
			Translation of Attachment: PM1 Annual report for JHICC_Dec_2016_v3.pptx	UMCDOJ-00063991_HT-00001
			Attachment: P 81 of PM1 Annual report for JHICC_Dec_2016_v2.pptx	UMCDOJ-00064094
P0556			Email Thread of 01/07/2016 regarding Re: 6F2(3x2,2x3) SN othogonal vs. hexagonal(honeycomb)	UMCDOJ-00064124
			Attachment: Pitch size summary.xlsx	UMCDOJ-00064126
			Attachment: picture1.gif	UMCDOJ-00064127
P0556T			Translation of Email Thread of 01/07/2016 regarding Re: 6F2(3x2,2x3) SN othogonal vs. hexagonal(honeycomb)	UMCDOJ-00064124_HT-00001
			Attachment: Pitch size summary.xlsx	UMCDOJ-00064126
			Attachment: picture1.gif	UMCDOJ-00064127
P0557			Email Thread of 01/11/2016 regarding F32 2x3, 3x2 report	UMCDOJ-00064131
			Attachment: F32 6F2(3x2,2x3) discussion-JT.pptx	UMCDOJ-00064132
			Attachment: picture1.gif	UMCDOJ-00064134
P0558			Email Thread of 01/11/2016 regarding Re: F32 2x3, 3x2 report	UMCDOJ-00064135
			Attachment: F32 6F2(3x2,2x3) discussion-JT_20160111_rev1.pptx	UMCDOJ-00064137
			Attachment: F32 6F2(3x2,2x3) discussion-JT.pptx	UMCDOJ-00064145
			Attachment: picture1.gif	UMCDOJ-00064147
P0559			Email Thread of 01/12/2016 regarding Re: minutes & Actions with UMI	UMCDOJ-00064148
			Attachment: picture1.gif	UMCDOJ-00064150

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0560			Email Thread of 01/15/2016 regarding Re: Scanner tool sets for 60k wafer-out	UMCDOJ-00064151
			Attachment: Scanner estimate for 60k wafer out_ver2.pptx	UMCDOJ-00064153
			Attachment: picture1.gif	UMCDOJ-00064154
			Attachment: picture2.gif	UMCDOJ-00064155
P0561			Email Thread of 01/18/2016 regarding Re: Project M Key Technology Enablers report	UMCDOJ-00064180
			Attachment: Project M Milestone V2_20160118-neillee.pptx	UMCDOJ-00064183
			Attachment: 1.xlsx	UMCDOJ-00064195
P0562			Email Thread of 01/29/2016 regarding UMC Logic vs. DRAM Pitch size comparison table.	UMCDOJ-00064226
			Attachment: UMC Logic vs. DRAM pitch size.xlsx	UMCDOJ-00064227
			Attachment: picture1.gif	UMCDOJ-00064228
P0562T			Translation of Email Thread of 01/29/2016 regarding UMC Logic vs. DRAM Pitch size comparison table.	UMCDOJ-00064226_HT-00001
			Attachment: UMC Logic vs. DRAM pitch size.xlsx	UMCDOJ-00064227
			Attachment: picture1.gif	UMCDOJ-00064228
P0563			Email Thread of 02/05/2016 regarding Re: Materials for Cell Design and OPC discussed this morning	UMCDOJ-00064248
P0564			Email Thread of 12/17/2015 regarding Fw: 風險評估for董事會說明用途	UMCDOJ-00064277
			Attachment: Risk assessmemt.pptx	UMCDOJ-00064280
			Attachment: picture1.gif	UMCDOJ-00064283
P0564T			Translation of Email Thread of 12/17/2015 regarding Fw: 風險評估for董事會說明用途	UMCDOJ-00064277_HT-00001
			Translation of Attachment: Risk assessmentt.pptx	UMCDOJ-00064280_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00064283_HT-00001
P0565			Email Thread of 12/25/2015 regarding Re: One Chipwork DRAM(46nm) report from Web resource	UMCDOJ-00064325
P0566			Email Thread of 12/28/2015 regarding Milestone	UMCDOJ-00064326
			Attachment: Milestone20151228.pptx	UMCDOJ-00064327
P0566T			Email Thread of 12/28/2015 regarding Milestone	UMCDOJ-00064326
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00064327_HT-00001
P0567			Email Thread of 12/29/2015 regarding Milestone of Project M	UMCDOJ-00064342
			Attachment: Project M Milestone_20151228.pptx	UMCDOJ-00064343
P0568			Email Thread of 12/31/2015 regarding Milestone of Project M	UMCDOJ-00064346
P0569			Email Thread of 03/22/2016 regarding Project M block layout	UMCDOJ-00064348
			Attachment: M-project block layout_20160322.ppt	UMCDOJ-00064351
P0569T			Translation of Email Thread of 03/22/2016 regarding Project M block layout	UMCDOJ-00064348_HT-00001
			Attachment: M-project block layout_20160322.ppt	UMCDOJ-00064351
P0570			Email Thread of 12/29/2015 regarding Re: Milestone (Follow up items of meeting )	UMCDOJ-00064359
			Attachment: Milestone20151228.pptx	UMCDOJ-00064363
			Attachment: picture1.gif	UMCDOJ-00064375
			Attachment: picture2.gif	UMCDOJ-00064376

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0570T			Email Thread of 12/29/2015 regarding Re: Milestone (Follow up items of meeting )	UMCDOJ-00064359
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00064363_HT-00001
			Attachment: picture1.gif	UMCDOJ-00064375
			Attachment: picture2.gif	UMCDOJ-00064376
P0571			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00064377
			Attachment: Milestone20151228.pptx	UMCDOJ-00064380
P0571T			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00064377
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00064380_HT-00001
P0572			Email Thread of 06/13/2016 regarding Project-M 新廠設計會議 (Jun 21 15:00 ZE8 in P5-512)	UMCDOJ-00064414
P0572T			Translation of Email Thread of 06/13/2016 regarding Project-M 新廠設計會議 (Jun 21 15:00 ZE8 in P5-512)	UMCDOJ-00064414_HT-00001
P0573			Email Thread of 06/17/2016 regarding Re : M 新廠Clean Room Area 設計	UMCDOJ-00064422
			Attachment: 晉華專案 20160617.pptx	UMCDOJ-00064427
P0573T			Translation of Email Thread of 06/17/2016 regarding Re : M 新廠Clean Room Area 設計	UMCDOJ-00064422_HT-00001
			Translation of Attachment: 晉華專案 20160617.pptx	UMCDOJ-00064427_HT-00001
P0574			6B25CBDF7DD8A0B148257FDB0000F0B3[3].htm	UMCDOJ-00081724
P0575			Email Thread of 05/17/2018 regarding Re: PM3/ JHICC marketing communication meeting on 5/22 PM 3:0~4:00, R104	UMCDOJ-00107167
			Attachment: 20180410_Part number naming.pptx	UMCDOJ-00107168
			Attachment: 20180509 Engagement Flow.pptx	UMCDOJ-00107177
			Attachment: Final test and product evaluation status 20180517.pptx	UMCDOJ-00107183
			Attachment: 1.xls	UMCDOJ-00107203
			Attachment: 2.xlsx	UMCDOJ-00107204
P0576			Email Thread of 05/16/2018 regarding PM3/ JHICC marketing communication meeting on 5/22 PM 3:0~4:00, R104	UMCDOJ-00107206
			Attachment: 20180410_Part number naming.pptx	UMCDOJ-00107207
			Attachment: 20180509 Engagement Flow.pptx	UMCDOJ-00107216
P0577			Email Thread of 04/26/2018 regarding material for H-company visit	UMCDOJ-00107624
			Attachment: H-company Visit 20180426.pptx	UMCDOJ-00107625
P0578			Email Thread of 03/22/2018 regarding Re: Fw: Huawei visit agenda	UMCDOJ-00108736
			Attachment: Untitled attachment 03049.gif	UMCDOJ-00108740
			Attachment: Untitled attachment 03052.gif	UMCDOJ-00108741
			Attachment: M project introduction_03222018.pptx	UMCDOJ-00108742
			Attachment: 1.xlsx	UMCDOJ-00108758
P0578T			Translation of Email Thread of 03/22/2018 regarding Re: Fw: Huawei visit agenda	UMCDOJ-00108736_HT-00001
			Attachment: Untitled attachment 03049.gif	UMCDOJ-00108740
			Attachment: Untitled attachment 03052.gif	UMCDOJ-00108741
			Translation of Attachment: M project introduction_03222018.pptx	UMCDOJ-00108742_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00108758

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0579			Email Thread of 02/24/2018 regarding 周报 2018/2/17~2018/2/23	UMCDOJ-00109529
			Attachment: Weekly Report 20180223.pptx	UMCDOJ-00109531
			Attachment: 1.docx	UMCDOJ-00109566
			Attachment: 1.xlsx	UMCDOJ-00109578
			Attachment: 2.xlsx	UMCDOJ-00109579
			Attachment: 2.xlsx	UMCDOJ-00109580
			Attachment: 3.xlsx	UMCDOJ-00109581
P0579T			Translation of Email Thread of 02/24/2018 regarding 周报 2018/2/17~2018/2/23	UMCDOJ-00109529_HT-00001
			Attachment: Weekly Report 20180223.pptx	UMCDOJ-00109531
			Translation of Attachment: 1.docx	UMCDOJ-00109566_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00109578
			Attachment: 2.xlsx	UMCDOJ-00109579
			Attachment: 2.xlsx	UMCDOJ-00109580
			Attachment: 3.xlsx	UMCDOJ-00109581
P0580			Email Thread of 01/20/2018 regarding 20180117中高层例会纪要	UMCDOJ-00110400
			Attachment: 晋华纪要〔2018〕3号 - 6.doc	UMCDOJ-00110401
			Attachment: 20180117需跟踪事项-1.xlsx	UMCDOJ-00110408
P0580T			Translation of Email Thread of 01/20/2018 regarding 20180117中高层例会纪要	UMCDOJ-00110400_HT-00001
			Translation of Attachment: 晋华纪要〔2018〕3号 - 6.doc	UMCDOJ-00110401_HT-00001
			Translation of Attachment: 20180117需跟踪事项-1.xlsx	UMCDOJ-00110408_HT-00001
P0581			Email Thread of 12/21/2017 regarding 关于晋江产投收回晋华5亿元的函件审批	UMCDOJ-00111504
			Attachment: 1.福建省晋江产业发展投资集团有限公司关于向晋华公司商请收回暂借款的函.pdf	UMCDOJ-00111506
			Attachment: 2.董事会决议-20171221-关于归还晋江产投5亿元-签订中.doc	UMCDOJ-00111508
P0581T			Translation of Email Thread of 12/21/2017 regarding 关于晋江产投收回晋华5亿元的函件审批	UMCDOJ-00111504_HT-00001
			Translation of Attachment: 1.福建省晋江产业发展投资集团有限公司关于向晋华公司商请收回暂借款的函.pdf	UMCDOJ-00111506_HT-00001
			Translation of Attachment: 2.董事会决议-20171221-关于归还晋江产投5亿元-签订中.doc	UMCDOJ-00111508_HT-00001
P0582			Email Thread of 12/21/2017 regarding Re: DRAM Development Annual Report (2017) for JHICC - part 2	UMCDOJ-00111512
			Attachment: Annual report for JHICC_2017_part 2.pptx	UMCDOJ-00111513
			Attachment: 1.xlsx	UMCDOJ-00111647
			Attachment: 2.xlsx	UMCDOJ-00111648
			Attachment: 3.xlsx	UMCDOJ-00111649
			Attachment: 4.xlsx	UMCDOJ-00111650
P0583			Email Thread of 12/21/2017 regarding DRAM Development Annual Report (2017) for JHICC - part 1	UMCDOJ-00111654
			Attachment: Annual report for JHICC_2017_part 1.pptx	UMCDOJ-00111655
			Attachment: 1.xlsx	UMCDOJ-00111750
P0584			Email Thread of 11/16/2017 regarding 1H'17 DRAM market survey report	UMCDOJ-00112843
			Attachment: DRAM Market Survey Report_20170801 .pptx	UMCDOJ-00112844

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0585			Email Thread of 11/16/2017 regarding 2017 Server DIMM Product Mix Report	UMCDOJ-00112859
			Attachment: 20171115_Server DIMM Product Mix Report.pptx	UMCDOJ-00112860
			Attachment: 1.xlsx	UMCDOJ-00112872
			Attachment: 2.xlsx	UMCDOJ-00112873
			Attachment: 3.xlsx	UMCDOJ-00112874
P0586			Email Thread of 06/09/2017 regarding Development status update	UMCDOJ-00116970
			Attachment: Status overview Ver1.0.ppt	UMCDOJ-00116971
P0586T			Translation of Email Thread of 06/09/2017 regarding Development status update	UMCDOJ-00116970_HT-00001
			Translation of Attachment: Status overview Ver1.0.ppt	UMCDOJ-00116971_HT-00001
P0587			Email Thread of 06/01/2017 regarding 发改、工信关于资金申请重要文件	UMCDOJ-00117163
			Attachment: doc15168420170601170101.pdf	UMCDOJ-00117165
P0587T			Translation of Email Thread of 06/01/2017 regarding 发改、工信关于资金申请重要文件	UMCDOJ-00117163_HT-00001
			Translation of Attachment: doc15168420170601170101.pdf	UMCDOJ-00117165_HT-00001
P0588			Email Thread of 05/24/2017 regarding Invitation: JHICC 人力配置討論 (May 25 AM 11:00 ZE8 in P5-104)	UMCDOJ-00117239
			Attachment: ecblank.gif	UMCDOJ-00117242
			Attachment: pic00834.gif	UMCDOJ-00117243
			Attachment: graycol.gif	UMCDOJ-00117244
			Attachment: Untitled attachment 10408.htm	UMCDOJ-00117245
			Attachment: c182655.ics	UMCDOJ-00117246
P0588T			Email Thread of 05/24/2017 regarding Invitation: JHICC 人力配置討論 (May 25 AM 11:00 ZE8 in P5-104)	UMCDOJ-00117239
			Attachment: ecblank.gif	UMCDOJ-00117242
			Attachment: pic00834.gif	UMCDOJ-00117243
			Attachment: graycol.gif	UMCDOJ-00117244
			Attachment: Untitled attachment 10408.htm	UMCDOJ-00117245
			Translation of Attachment: c182655.ics	UMCDOJ-00117246_HT-00001
P0589			Email Thread of 04/14/2017 regarding Fw:闽电集人[2017]50号 福建省电子信息集团关于调整领导分工的通知	UMCDOJ-00118172
			Attachment: 闽电集人[2017]50号 福建省电子信息集团关于调整领导分工的通知.pdf	UMCDOJ-00118173
P0589T			Translation of Email Thread of 04/14/2017 regarding Fw:闽电集人[2017]50号 福建省电子信息集团关于调整领导分工的通知	UMCDOJ-00118172_HT-00001
			Translation of Attachment: 闽电集人[2017]50号 福建省电子信息集团关于调整领导分工的通知.pdf	UMCDOJ-00118173_HT-00001
P0590			Email Thread of 02/24/2017 regarding Thank you	UMCDOJ-00119178
P0591			Email Thread of 02/10/2017 regarding Chance to meet during the week of 3/19?	UMCDOJ-00119373
P0592			Email Thread of 02/08/2017 regarding Cancelled: Manager bi-weekly Meeting	UMCDOJ-00119383
			Attachment: ecblank.gif	UMCDOJ-00119389
			Attachment: pic13270.gif	UMCDOJ-00119390
			Attachment: Untitled attachment 12077.htm	UMCDOJ-00119391
			Attachment: c131541.ics	UMCDOJ-00119392



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0593			Email Thread of 02/07/2017 regarding Confirmed: JH Staff Meeting (Feb 7 AM 10:30 ZE8 in P5-204)	UMCDOJ-00119393
			Attachment: ecblank.gif	UMCDOJ-00119400
			Attachment: pic17738.gif	UMCDOJ-00119401
			Attachment: graycol.gif	UMCDOJ-00119402
			Attachment: Untitled attachment 12083.htm	UMCDOJ-00119403
			Attachment: c091505.ics	UMCDOJ-00119404
P0594			Email Thread of 02/06/2017 regarding Invitation: JH Staff Meeting (Feb 7 AM 10:30 ZE8 in P5-204)	UMCDOJ-00119405
			Attachment: ecblank.gif	UMCDOJ-00119412
			Attachment: pic20105.gif	UMCDOJ-00119413
			Attachment: graycol.gif	UMCDOJ-00119414
			Attachment: Untitled attachment 12089.htm	UMCDOJ-00119415
			Attachment: c170534.ics	UMCDOJ-00119416
P0595			Email Thread of 01/28/2017 regarding 新年快樂!! 恭喜, 恭喜!!	UMCDOJ-00119496
P0596			Email Thread of 01/24/2017 regarding 动态随机存储器研发月报 (2017.01)	UMCDOJ-00119526
			Attachment: 动态随机存储器研发月报 (2017.01).pdf	UMCDOJ-00119527
P0596T			Translation of Email Thread of 01/24/2017 regarding 动态随机存储器研发月报 (2017.01)	UMCDOJ-00119526_HT-00001
			Translation of Attachment: 动态随机存储器研发月报 (2017.01).pdf	UMCDOJ-00119527_HT-00001
P0597			Email Thread of 01/22/2017 regarding Re:	UMCDOJ-00119551
P0598			Email Thread of 01/17/2017 regarding RE: 謝謝!!!	UMCDOJ-00119611
P0598T			Translation of Email Thread of 01/17/2017 regarding RE: 謝謝!!!	UMCDOJ-00119611_HT-00001
P0599			Email 01/17/2017	UMCDOJ-00119613
			Attachment.xls	UMCDOJ-00119615
P0599T			Translation of Email Thread of 01/17/2017 regarding 转发: 转发: 转发: 转发: 员工花名册-简20170117.xls	UMCDOJ-00119613_HT-00001
			Translation of Attachment: 员工花名册-简20170117.xls	UMCDOJ-00119615_HT-00001
P0600			Email Thread of 01/17/2017 regarding 转发: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00119616
			Attachment: Bulk Gas final Price Analysis_011317.jpg	UMCDOJ-00119618
			Attachment: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00119619
P0600T			Translation of Email Thread of 01/17/2017 regarding 转发: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00119616_HT-00001
			Attachment: Bulk Gas final Price Analysis_011317.jpg	UMCDOJ-00119618
			Attachment: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00119619
P0601			Email Thread of 01/13/2017 regarding Re: 謝謝!!!	UMCDOJ-00119699
P0601T			Translation of Email Thread of 01/13/2017 regarding Re: 謝謝!!!	UMCDOJ-00119699_HT-00001
P0602			Email Thread of 01/12/2017 regarding JHICC	UMCDOJ-00119703
P0603			Email Thread of 01/04/2017 regarding 2016年财务工作报告	UMCDOJ-00119779
			Attachment: 晋华PPT-财务工作报告20170105.pptx	UMCDOJ-00119780
P0603T			Translation of Email Thread of 01/04/2017 regarding 2016年财务工作报告	UMCDOJ-00119779_HT-00001
			Translation of Attachment: 晋华PPT-财务工作报告20170105.pptx	UMCDOJ-00119780_HT-00001



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0604			Email Thread of 01/01/2017 regarding 转发: 福建省晋华存储器生产线项目月报2016.12	UMCDOJ-00119860
			Attachment: 福建省晋华存储器生产线项目2016年工作总结及2017年计划1230.docx	UMCDOJ-00119861
			Attachment: 福建省晋华存储器生产线项目月报2016 12.docx	UMCDOJ-00119873
			Attachment: 福建省晋华集成电路存储器生产线项目周报-20161229.pdf	UMCDOJ-00119891
P0604T			Translation of Email Thread of 01/01/2017 regarding 转发: 福建省晋华存储器生产线项目月报2016.12	UMCDOJ-00119860_HT-00001
			Translation of Attachment: 福建省晋华存储器生产线项目2016年工作总结及2017年计划1230.docx	UMCDOJ-00119861_HT-00001
			Translation of Attachment: 福建省晋华存储器生产线项目月报2016 12.docx	UMCDOJ-00119873_HT-00001
			Translation of Attachment: 福建省晋华集成电路存储器生产线项目周报-20161229.pdf	UMCDOJ-00119891_HT-00001
P0605			Email Thread of 12/31/2016 regarding 柏文簡歷	UMCDOJ-00119951
			Attachment: 黃柏文個人簡歷_201611.docx	UMCDOJ-00119952
P0605T			Translation of Email Thread of 12/31/2016 regarding 柏文簡歷	UMCDOJ-00119951_HT-00001
			Translation of Attachment: 黃柏文個人簡歷_201611.docx	UMCDOJ-00119952_HT-00001
P0606			Email Thread of 12/26/2016 regarding 动态随机存储器研发年度报告 (2016.12)-1	UMCDOJ-00119994
			Attachment: 动态随机存储器研发年度报告 (2016.12)-1.pptx	UMCDOJ-00119995
			Attachment: 1.xlsx	UMCDOJ-00120028
P0606T			Translation of Email Thread of 12/26/2016 regarding 动态随机存储器研发年度报告 (2016.12)-1	UMCDOJ-00119994_HT-00001
			Translation of Attachment: 动态随机存储器研发年度报告 (2016.12)-1.pptx	UMCDOJ-00119995_HT-00001
			Translation of Attachment: 1.xlsx	UMCDOJ-00120028_HT-00001
P0607			Email Thread of 12/22/2016 regarding 環評範圍修改為12萬片相關議題	UMCDOJ-00120078
			Attachment: 19051_SYC名称-small邮箱签名用.png	UMCDOJ-00120082
P0607T			Translation of Email Thread of 12/22/2016 regarding 環評範圍修改為12萬片相關議題	UMCDOJ-00120078_HT-00001
			Attachment: 19051_SYC名称-small邮箱签名用.png	UMCDOJ-00120082
P0608			Email Thread of 12/21/2016 regarding Invitation: JH Staff Meeting (Dec 21 AM 11:00 ZE8 in P5-204)	UMCDOJ-00120177
			Attachment: ecblank.gif	UMCDOJ-00120184
			Attachment: pic28507.gif	UMCDOJ-00120185
			Attachment: graycol.gif	UMCDOJ-00120186
			Attachment: Untitled attachment 13344.htm	UMCDOJ-00120187
			Attachment: c084442.ics	UMCDOJ-00120188
P0609			Email Thread of 12/19/2016 regarding 回复: 晋华授权确认	UMCDOJ-00120211
P0609T			Translation of Email Thread of 12/19/2016 regarding 回复: 晋华授权确认	UMCDOJ-00120211_HT-00001
P0610			Email Thread of 12/19/2016 regarding 回复: 晋华授权确认	UMCDOJ-00120213
P0610T			Translation of Email Thread of 12/19/2016 regarding 回复: 晋华授权确认	UMCDOJ-00120213_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0611			Email Thread of 12/19/2016 regarding 回复 : 回复 : 陈正坤授权吴坤荣.doc	UMCDOJ-00120215
			Attachment: 晋华公司经营管理授权表 (建设期).xlsx	UMCDOJ-00120218
P0611T			Translation of Email Thread of 12/19/2016 regarding 回复 : 回复 : 陈正坤授权吴坤荣.doc	UMCDOJ-00120215_HT-00001
			Translation of Attachment: 晋华公司经营管理授权表 (建设期).xlsx	UMCDOJ-00120218_HT-00001
P0612			Email Thread of 12/19/2016 regarding 回复 : 陈正坤授权吴坤荣.doc	UMCDOJ-00120227
			Attachment: 核决权限表.jpg	UMCDOJ-00120229
P0612T			Translation of Email Thread of 12/19/2016 regarding 回复 : 陈正坤授权吴坤荣.doc	UMCDOJ-00120227_HT-00001
			Translation of Attachment: 核决权限表.jpg	UMCDOJ-00120229_HT-00001
P0613			Email Thread of 12/19/2016 regarding 陈正坤授权吴坤荣.doc	UMCDOJ-00120234
			Attachment: 关于陈正坤授权吴坤荣的会议纪要.doc	UMCDOJ-00120235
P0613T			Translation of Email Thread of 12/19/2016 regarding 陈正坤授权吴坤荣.doc	UMCDOJ-00120234_HT-00001
			Translation of Attachment: 关于陈正坤授权吴坤荣的会议纪要.doc	UMCDOJ-00120235_HT-00001
P0614			Email Thread of 12/12/2016 regarding 4235.msg	UMCDOJ-00120314
P0614T			Translation of Email Thread of 12/12/2016 regarding 4235.msg	UMCDOJ-00120314_HT-00001
P0615			Email Thread of 12/12/2016 regarding TiCl4 usage estimation for JHICC 120K input	UMCDOJ-00120315
			Attachment: temp4cj.png	UMCDOJ-00120316
			Attachment: TiCl4 usage estimation.pptx	UMCDOJ-00120317
P0615T			Translation of Email Thread of 12/12/2016 regarding TiCl4 usage estimation for JHICC 120K input	UMCDOJ-00120315_HT-00001
			Attachment: temp4cj.png	UMCDOJ-00120316
			Translation of Attachment: TiCl4 usage estimation.pptx	UMCDOJ-00120317_HT-00001
P0616			Email Thread of 12/08/2016 regarding Invitation: 晋華主管會議 (Dec 14 PM 03:00 ZE8 in JH 工地會議室,南科204會議室)	UMCDOJ-00120375
			Attachment: ecblank.gif	UMCDOJ-00120381
			Attachment: pic32635.gif	UMCDOJ-00120382
			Attachment: Untitled attachment 13734.htm	UMCDOJ-00120383
			Attachment: c145835.ics	UMCDOJ-00120384
P0616T			Translation of Email Thread of 12/08/2016 regarding Invitation: 晋華主管會議 (Dec 14 PM 03:00 ZE8 in JH 工地會議室,南科204會議室)	UMCDOJ-00120375_HT-00001
			Attachment: ecblank.gif	UMCDOJ-00120381
			Attachment: pic32635.gif	UMCDOJ-00120382
			Attachment: Untitled attachment 13734.htm	UMCDOJ-00120383
			Attachment: c145835.ics	UMCDOJ-00120384
P0617			Email Thread of 12/05/2016 regarding Re: Weekly status update	UMCDOJ-00120455
P0617T			Translation of Email Thread of 12/05/2016 regarding Re: Weekly status update	UMCDOJ-00120455_HT-00001
P0618			Email Thread of 12/02/2016 regarding JHICC start up plan	UMCDOJ-00120490
			Attachment: 20161202 start up plan.pptx	UMCDOJ-00120491
P0618T			Email Thread of 12/02/2016 regarding JHICC start up plan	UMCDOJ-00120490
			Translation of Attachment: 20161202 start up plan.pptx	UMCDOJ-00120491_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0619			Email Thread of 11/28/2016 regarding 回复：动态随机存储器研发月报 (2016.11) - See UMC Translated version at P1256	UMCDOJ-00120669
			Attachment: 动态随机存储器研发月报 (2016.11).pdf- See UMC Translated version at P1257	UMCDOJ-00120670
P0620			Email Thread of 11/28/2016 regarding NCKU talk draft	UMCDOJ-00120684
			Attachment: DRAM Development for NCKU talk v1.pptx	UMCDOJ-00120685
			Attachment: 1.xlsx	UMCDOJ-00120718
			Attachment: 2.xlsx	UMCDOJ-00120719
			Attachment: 3.xlsx	UMCDOJ-00120720
			Attachment: 4.xlsx	UMCDOJ-00120721
			Attachment: 5.xlsx	UMCDOJ-00120722
			Attachment: SIA China 13 5-year plan.pdf	UMCDOJ-00120723
P0620T			Translation of Email Thread of 11/28/2016 regarding NCKU talk draft	UMCDOJ-00120684_HT-00001
			Attachment: DRAM Development for NCKU talk v1.pptx	UMCDOJ-00120685
			Attachment: 1.xlsx	UMCDOJ-00120718
			Attachment: 2.xlsx	UMCDOJ-00120719
			Attachment: 3.xlsx	UMCDOJ-00120720
			Attachment: 4.xlsx	UMCDOJ-00120721
			Attachment: 5.xlsx	UMCDOJ-00120722
			Attachment: SIA China 13 5-year plan.pdf	UMCDOJ-00120723
P0621			Email Thread of 11/25/2016 regarding RE: Air Products commitment for Jinhua IC	UMCDOJ-00120730
P0622			Email Thread of 11/24/2016 regarding 回复：动态随机存储器研发月报 (2016.11)	UMCDOJ-00120847
P0622T			Translation of Email Thread of 11/24/2016 regarding 回复：动态随机存储器研发月报 (2016.11)	UMCDOJ-00120847_HT-00001
P0623			Email Thread of 10/28/2016 regarding UMC DRAM R&D PO for JinHua Project	UMCDOJ-00121191
P0624			Email Thread of 10/27/2016 regarding 转发：关于征求《福建（泉州）半导体产业发展规划（2016-2025）》（征求意见稿）意见的函	UMCDOJ-00121201
			Attachment: 关于征求《福建（泉州）半导体产业发展规划（2016-2025）》（征求意见稿）意见的函 .pdf	UMCDOJ-00121202
P0624T			Translation of Email Thread of 10/27/2016 regarding 转发：关于征求《福建（泉州）半导体产业发展规划（2016-2025）》（征求意见稿）意见的函	UMCDOJ-00121201_HT-00001
			Translation of Attachment: 关于征求《福建（泉州）半导体产业发展规划（2016-2025）》（征求意见稿）意见的函 .pdf	UMCDOJ-00121202_HT-00001
P0625			Email Thread of 10/13/2016 regarding Thank you and test message	UMCDOJ-00121354
P0626			Email Thread of 10/08/2016 regarding Thank You	UMCDOJ-00121369
P0627			Email Thread of 09/30/2016 regarding Update	UMCDOJ-00121402
			Attachment: IEEE Memory Day Agenda 2016.pdf	UMCDOJ-00121403
P0628			Email Thread of 08/18/2016 regarding Re: 晋江人才政策補貼	UMCDOJ-00121721
P0628T			Translation of Email Thread of 08/18/2016 regarding Re: 晋江人才政策補貼	UMCDOJ-00121721_HT-00001
P0629			Email Thread of 06/07/2016 regarding Thank You and The Invitation for Your Lam Visit	UMCDOJ-00122162
P0630			Email Thread of 05/23/2016 regarding Fwd: Fwd: JIn Hua	UMCDOJ-00122292
P0631			Email Thread of 05/04/2016 regarding Re: 林峰的履歷	UMCDOJ-00122430

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0631T			Translation of Email Thread of 05/04/2016 regarding Re: 林峰的履歷	UMCDOJ-00122430_HT-00001
P0632			Email Thread of 05/04/2016 regarding 林峰的履歷	UMCDOJ-00122433
			Attachment: flin_resume_16.pdf	UMCDOJ-00122435
P0632T			Translation of Email Thread of 05/04/2016 regarding 林峰的履歷	UMCDOJ-00122433_HT-00001
			Attachment: flin_resume_16.pdf	UMCDOJ-00122435
P0633			Email Thread of 04/19/2016 regarding 160314 Consideration [相容模式].pdf	UMCDOJ-00122521
			Attachment: 160314 Consideration [____].pdf	UMCDOJ-00122522
			Attachment: Untitled attachment 16766.txt	UMCDOJ-00122531
P0633T			Translation of Email Thread of 04/19/2016 regarding 160314 Consideration [相容模式].pdf	UMCDOJ-00122521_HT-00001
			Translation of Attachment: 160314 Consideration [____].pdf	UMCDOJ-00122522_HT-00001
			Attachment: Untitled attachment 16766.txt	UMCDOJ-00122531
P0634			Email Thread of 04/07/2016 regarding Thank you very much	UMCDOJ-00122591
P0635			Email Thread of 03/05/2016 regarding Re: Suggestions and Points to consider	UMCDOJ-00122802
P0635T			Translation of Email Thread of 03/05/2016 regarding Re: Suggestions and Points to consider	UMCDOJ-00122802_HT-00001
P0636			Email Thread of 03/05/2016 regarding Suggestions and Points to consider	UMCDOJ-00122808
P0637			Email Thread of 02/24/2016 regarding Re: Working at UMC	UMCDOJ-00122843
P0638			Email Thread of 02/24/2016 regarding Working at UMC	UMCDOJ-00122858
P0639			Email Thread of 02/17/2016 regarding RE: Toppan meeting for cell OPC	UMCDOJ-00122893
P0640			Email Thread of 02/16/2016 regarding Toppan Mtg	UMCDOJ-00122897
P0640T			Translation of Email Thread of 02/16/2016 regarding Toppan Mtg	UMCDOJ-00122897_HT-00001
P0641			Email Thread of 02/14/2016 regarding My next visit and F2F discussion	UMCDOJ-00122911
P0642			Email Thread of 01/22/2016 regarding Fwd: 專業人員招募, 聘用	UMCDOJ-00122985
P0642T			Translation of Email Thread of 01/22/2016 regarding Fwd: 專業人員招募, 聘用	UMCDOJ-00122985_HT-00001
P0643			Email Thread of 01/13/2016 regarding Fwd: milestone	UMCDOJ-00122994
			Attachment: milestone.pptx	UMCDOJ-00122995
P0643T			Email Thread of 01/13/2016 regarding Fwd: milestone	UMCDOJ-00122994
			Translation of Attachment: milestone.pptx	UMCDOJ-00122995_HT-00001
P0644			Email Thread of 12/31/2015 regarding Fwd: Resume	UMCDOJ-00123011
			Attachment: _____.pdf	UMCDOJ-00123012
			Attachment: Untitled attachment 17514.htm	UMCDOJ-00123015
P0644T			Translation of Email Thread of 12/31/2015 regarding Fwd: Resume	UMCDOJ-00123011_HT-00001
			Attachment: _____.pdf	UMCDOJ-00123012
			Attachment: Untitled attachment 17514.htm	UMCDOJ-00123015
P0645			Email Thread of 12/31/2015 regarding 25 beyond for S_20150913.ppt	UMCDOJ-00123019
			Attachment: 25 beyond for S_20150913.ppt	UMCDOJ-00123020
			Attachment: Untitled attachment 17523.txt	UMCDOJ-00123024
P0646			Email Thread of 11/20/2015 regarding Stephen Chen.pptx	UMCDOJ-00123143
			Attachment: Stephen Chen.pptx	UMCDOJ-00123144
			Attachment: 1.xlsx	UMCDOJ-00123151
			Attachment: Untitled attachment 17712.txt	UMCDOJ-00123152

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0647			Email Thread of 11/17/2015 regarding Fwd: New hire 面談	UMCDOJ-00123179
P0647T			Translation of Email Thread of 11/17/2015 regarding Fwd: New hire 面談	UMCDOJ-00123179_HT-00001
P0648			Email Thread of 11/04/2015 regarding Fwd: FILE	UMCDOJ-00123214
			Attachment: HR PLAN_20151101.pptx	UMCDOJ-00123215
			Attachment: Untitled attachment 17770.htm	UMCDOJ-00123218
			Attachment: HR Salary_20151101.xlsx	UMCDOJ-00123219
			Attachment: Untitled attachment 17773.htm	UMCDOJ-00123220
P0648T			Translation of Email Thread of 11/04/2015 regarding Fwd: FILE	UMCDOJ-00123214_HT-00001
			Translation of Attachment: HR PLAN_20151101.pptx	UMCDOJ-00123215_HT-00001
			Attachment: Untitled attachment 17770.htm	UMCDOJ-00123218
			Attachment: HR Salary_20151101.xlsx	UMCDOJ-00123219
			Attachment: Untitled attachment 17773.htm	UMCDOJ-00123220
P0649			Email Thread of 11/25/2015 regarding personal	UMCDOJ-00123639
			Attachment: Stephen Chen.pptx	UMCDOJ-00123640
			Attachment: 1.xlsx	UMCDOJ-00123645
P0650			Email Thread of 12/09/2015 regarding 年資認定	UMCDOJ-00124102
P0650T			Translation of Email Thread of 12/09/2015 regarding 年資認定	UMCDOJ-00124102_HT-00001
P0651			Email Thread of 05/27/2016 regarding Re: Project M Report Update	UMCDOJ-00124361
			Attachment: Project M EQ Procurement Strategy & Achievement.pptx	UMCDOJ-00124364
P0652			Email Thread of 01/06/2016 regarding 12/16 Strategy meeting minutes	UMCDOJ-00124628
			Attachment: Strategy Meeting Minutes AI 12162015 final.docx	UMCDOJ-00124629
P0653			Email Thread of 03/31/2016 regarding Strategy meeting minutes (3/16)	UMCDOJ-00125504
			Attachment: Strategy Meeting Minutes AI 03162016 v4.docx	UMCDOJ-00125506
P0653T			Translation of Email Thread of 03/31/2016 regarding Strategy meeting minutes (3/16)	UMCDOJ-00125504_HT-00001
			Attachment: Strategy Meeting Minutes AI 03162016 v4.docx	UMCDOJ-00125506
P0654			Email Thread of 04/13/2016 regarding Jinhua presenation 4/14	UMCDOJ-00125747
			Attachment: DRAM Product Trend and Partners.pptx	UMCDOJ-00125748
			Attachment: 1.xlsx	UMCDOJ-00125763
			Attachment: 2.xlsx	UMCDOJ-00125764
P0654T			Email Thread of 04/13/2016 regarding Jinhua presenation 4/14	UMCDOJ-00125747
			Translation of Attachment: DRAM Product Trend and Partners.pptx	UMCDOJ-00125748_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00125763
			Attachment: 2.xlsx	UMCDOJ-00125764
P0655			Email Thread of 05/28/2016 regarding Project M Report Update	UMCDOJ-00126145
P0656			Email Thread of 05/23/2016 regarding Fwd: Fwd: Jin Hua	UMCDOJ-00126208
P0657			Email Thread of 05/25/2016 regarding Re: Resume of Weimin Li	UMCDOJ-00126229
			Attachment: 在美华人招募.pptx	UMCDOJ-00126231
P0658			Email Thread of 06/17/2016 regarding Re : M 新廠Clean Room Area 設計	UMCDOJ-00126530
			Attachment: 晉華專案 20160617.pptx	UMCDOJ-00126535
P0658T			Translation of Email Thread of 06/17/2016 regarding Re : M 新廠Clean Room Area 設計	UMCDOJ-00126530_HT-00001
			Translation of Attachment: 晉華專案 20160617.pptx	UMCDOJ-00126535_HT-00001
P0659			Email Thread of 07/06/2016 regarding Fw: PDF公司介紹	UMCDOJ-00127102
P0660			Email Thread of 07/10/2016 regarding visiting Boise	UMCDOJ-00127120



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0661			Email Thread of 07/19/2016 regarding NBD Mission & Focus in Y2016 and 2017	UMCDOJ-00127367
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-00127368
			Attachment: 1.xlsx	UMCDOJ-00127408
			Attachment: 2.xlsx	UMCDOJ-00127409
P0662			Email Thread of 08/02/2016 regarding Fw: Boise visit response	UMCDOJ-00127583
			Attachment: M Team.pdf	UMCDOJ-00127587
P0663			Email Thread of 09/26/2016 regarding AP Executive Vice President Visit (新增廠商拜訪資料)	UMCDOJ-00128541
			Attachment: AP Corning visit 20161003.pptx	UMCDOJ-00128543
			Attachment: picture1.gif	UMCDOJ-00128550
P0663T			Translation of Email Thread of 09/26/2016 regarding AP Executive Vice President Visit (新增廠商拜訪資料)	UMCDOJ-00128541_HT-00001
			Translation of Attachment: AP Corning visit 20161003.pptx	UMCDOJ-00128543_HT-00001
			Attachment: picture1.gif	UMCDOJ-00128550
P0664			Email Thread of 10/28/2016 regarding Fw: M project 設計周會紀要 1026	UMCDOJ-00129020
			Attachment: M project 設計周會紀要 1026.ppt	UMCDOJ-00129021
P0664T			Translation of Email Thread of 10/28/2016 regarding Fw: M project 設計周會紀要 1026	UMCDOJ-00129020_HT-00001
			Translation of Attachment: M project 設計周會紀要 1026.ppt	UMCDOJ-00129021_HT-00001
P0665			Email Thread of 01/18/2017 regarding Re: Fw: 转发: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00130299
			Attachment: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00130303
			Attachment: Bulk Gas final Price Analysis_011317.jpg	UMCDOJ-00130305
			Attachment: picture1.jpeg	UMCDOJ-00130306
			Attachment: picture2.gif	UMCDOJ-00130307
P0665T			Translation of Email Thread of 01/18/2017 regarding Re: Fw: 转发: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00130299_HT-00001
			Attachment: Bulk Gas final Price Analysis_011317.pptx	UMCDOJ-00130303
			Attachment: Bulk Gas final Price Analysis_011317.jpg	UMCDOJ-00130305
			Attachment: picture1.jpeg	UMCDOJ-00130306
			Attachment: picture2.gif	UMCDOJ-00130307
P0666			Email Thread of 02/03/2017 regarding micron analysts day ppt	UMCDOJ-00130456
			Attachment: Micron Analyst Conference 2017.pdf	UMCDOJ-00130457
P0667			Email Thread of 06/14/2016 regarding NBD Off-Site Workshop	UMCDOJ-00131006
			Attachment: Offsite workshop_20160622.pptx	UMCDOJ-00131008
			Attachment: picture1.jpeg	UMCDOJ-00131017
P0667T			Translation of Email Thread of 06/14/2016 regarding NBD Off-Site Workshop	UMCDOJ-00131006_HT-00001
			Translation of Attachment: Offsite workshop_20160622.pptx	UMCDOJ-00131008_HT-00001
			Attachment: picture1.jpeg	UMCDOJ-00131017
P0668			Email Thread of 03/02/2017 regarding Re: Fw: CEO Weekly meeting	UMCDOJ-00132138
			Attachment: Project-M Progress Report_20170309_v2.pptx	UMCDOJ-00132141
			Attachment: 1.xlsx	UMCDOJ-00132178
			Attachment: 2.xls	UMCDOJ-00132179
P0669			Email Thread of 03/15/2017 regarding 2016 Workshop summary	UMCDOJ-00132517
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-00132518
			Attachment: 1.xlsx	UMCDOJ-00132558
			Attachment: 2.xlsx	UMCDOJ-00132559



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0670			Email Thread of 06/01/2017 regarding 发改、工信关于资金申请重要文件	UMCDOJ-00135029
			Attachment: doc15168420170601170101.pdf	UMCDOJ-00135031
			Attachment: gb18030;name	UMCDOJ-00135036
P0670T			Translation of Email Thread of 06/01/2017 regarding 发改、工信关于资金申请重要文件	UMCDOJ-00135029_HT-00001
			Translation of Attachment: doc15168420170601170101.pdf	UMCDOJ-00135031_HT-00001
			Translation of Attachment: gb18030;name	UMCDOJ-00135036_HT-00001
P0671			Email Thread of 06/12/2017 regarding 晋华项目技术研发进展报告170612.docx	UMCDOJ-00135281
			Attachment: 晋华项目技术研发进展报告170612.docx	UMCDOJ-00135282
P0671T			Translation of Email Thread of 06/12/2017 regarding 晋华项目技术研发进展报告170612.docx	UMCDOJ-00135281_HT-00001
			Translation of Attachment: 晋华项目技术研发进展报告170612.docx	UMCDOJ-00135282_HT-00001
P0672			Email Thread of 07/25/2017 regarding Re: Fw: <To Michelle>Re: UMI monthly 7/18 AI	UMCDOJ-00136747
			Attachment: Memorandum of Understanding- UMI F32s.docx	UMCDOJ-00136754
			Attachment: picture1.gif	UMCDOJ-00136756
P0673			Email Thread of 10/11/2017 regarding Report for MT Weekly meeting (10/12)	UMCDOJ-00139906
			Attachment: Project-M Progress Report_201710_v1_sfupdate.pptx	UMCDOJ-00139907
P0674			Email Thread of 10/31/2017 regarding Re: Cell layout differences between DRAM companies	UMCDOJ-00140954
			Attachment: picture1.gif	UMCDOJ-00140957
P0674T			Email Thread of 10/31/2017 regarding Re: Cell layout differences between DRAM companies	UMCDOJ-00140954
			Translation of Attachment: picture1.gif	UMCDOJ-00140957_HT-00001
P0675			Email Thread of 11/14/2017 regarding Revised DRAM Q&A	UMCDOJ-00141662
			Attachment: DRAM Project Q&A v5.pptx	UMCDOJ-00141663
P0675T			Translation of Email Thread of 11/14/2017 regarding Revised DRAM Q&A	UMCDOJ-00141662_HT-00001
			Translation of Attachment: DRAM Project Q&A v5.pptx	UMCDOJ-00141663_HT-00001
P0676			Email Thread of 12/21/2017 regarding Re: Fw: F32 & F32s development status update	UMCDOJ-00143502
			Attachment: F32&F32s development status update-20171221.pptx	UMCDOJ-00143504
			Attachment: 1.xlsx	UMCDOJ-00143512
P0676T			Email Thread of 12/21/2017 regarding Re: Fw: F32 & F32s development status update	UMCDOJ-00143502
			Translation of Attachment: F32&F32s development status update-20171221.pptx	UMCDOJ-00143504_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00143512
P0677			Email Thread of 05/02/2018 regarding Update: Word 版 for DRAM process technology development	UMCDOJ-00149375
			Attachment: 聯電_晉華共同研發內存技術之進展_繁體.docx	UMCDOJ-00149376

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0677T			Translation of Email Thread of 05/02/2018 regarding Update: Word 版 for DRAM process technology development	UMCDOJ-00149375_HT-00001
			Translation of Attachment: 聯電_晉華共同研發內存技術之進展_繁體.docx	UMCDOJ-00149376_HT-00001
P0678			Email Thread of 06/04/2018 regarding Material for 基金公司拜訪	UMCDOJ-00150950
			Attachment: M project introduction_06042018.pptx	UMCDOJ-00150951
			Attachment: 1.xlsx	UMCDOJ-00150968
			Attachment: 2.xlsx	UMCDOJ-00150969
P0678T			Translation of Email Thread of 06/04/2018 regarding Material for 基金公司拜訪	UMCDOJ-00150950_HT-00001
			Translation of Attachment: M project introduction_06042018.pptx	UMCDOJ-00150951_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00150968
			Attachment: 2.xlsx	UMCDOJ-00150969
P0679			Email Thread of 07/18/2018 regarding Re: Materials for customer visit (Taipei, 7/27)	UMCDOJ-00152554
			Attachment: M project introduction_07272018.pptx	UMCDOJ-00152556
			Attachment: 1.xlsx	UMCDOJ-00152573
P0680			Email Thread of 07/19/2018 regarding Update --- Re: Materials for customer visit (Taipei, 7/27)	UMCDOJ-00152652
			Attachment: DRAM PM1研發進度 UMC_201807_40min_v2_簡.pptx	UMCDOJ-00152654
			Attachment: 1.xlsx	UMCDOJ-00152747
			Attachment: M project introduction_07272018.pptx	UMCDOJ-00152748
			Attachment: 1.xlsx	UMCDOJ-00152765
P0681			Email Thread of 07/24/2018 regarding Re: Update --- Re: Materials for customer visit (Taipei, 7/27)	UMCDOJ-00152862
			Attachment: DRAM PM1研發進度 UMC_201807_40min_v3_簡.pptx	UMCDOJ-00152865
			Attachment: 1.xlsx	UMCDOJ-00152986
			Attachment: 2.xlsx	UMCDOJ-00152987
			Attachment: 3.xlsx	UMCDOJ-00152988
			Attachment: M project introduction_07272018 (Version 2).pptx	UMCDOJ-00152989
			Attachment: 1.xlsx	UMCDOJ-00153005
P0681T			Translation of Email Thread of 07/24/2018 regarding Re: Update --- Re: Materials for customer visit (Taipei, 7/27)	UMCDOJ-00152862_HT-00001
			Translation of Attachment: DRAM PM1研發進度 UMC_201807_40min_v3_簡.pptx	UMCDOJ-00152865_HT-00001
			Translation of Attachment: 1.xlsx	UMCDOJ-00152986_HT-00001
			Translation of Attachment: 2.xlsx	UMCDOJ-00152987_HT-00001
			Translation of Attachment: 3.xlsx	UMCDOJ-00152988_HT-00001
			Translation of Attachment: M project introduction_07272018 (Version 2).pptx	UMCDOJ-00152989_HT-00001
			Translation of Attachment: 1.xlsx	UMCDOJ-00153005_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0682			Email Thread of 10/12/2018 regarding Meeting minutes of SA1-B revision review	UMCDOJ-00154950
			Attachment: F32 Device S2S check_Dev13_20181011.pptx	UMCDOJ-00154952
			Attachment: F32 SA SWD eFuse for SA1 181011.pptx	UMCDOJ-00154977
			Attachment: DDR3 reverse engineering analysis_20181009.pptx	UMCDOJ-00154990
			Attachment: SA1 FT_Sytem evaluation schedule_20181011.pptx	UMCDOJ-00155002
P0683			Email Thread of 10/15/2018 regarding [Notice] Employment Termination Application (IDL): Stephen K Chen(陳正坤) * Estimated Resignation Date.: 2018/10/15 * NBD_H/NBD_H	UMCDOJ-00155046
P0684			Email Thread of 05/09/2016 regarding Re: 留才金執行方案	UMCDOJ-00155210
P0684T			Translation of Email Thread of 05/09/2016 regarding Re: 留才金執行方案	UMCDOJ-00155210_HT-00001
P0685			Translation of Email Thread of 05/11/2016 regarding Re: Fw: 20160505晉华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-00155242_HT-00001
			Translation of Attachment: 20160505晉华公司第一届第三次董事会会议纪要(征求意见稿).docx	UMCDOJ-00155245_HT-00001
P0685T			Translation of Email Thread of 05/11/2016 regarding Re: Fw: 20160505晉华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-00155242_HT-00001
			Translation of Attachment: 20160505晉华公司第一届第三次董事会会议纪要(征求意见稿).docx	UMCDOJ-00155245_HT-00001
P0686			Email Thread of 05/12/2016 regarding JH logo & recruiting website	UMCDOJ-00155273
P0686T			Translation of Email Thread of 05/12/2016 regarding JH logo & recruiting website	UMCDOJ-00155273_HT-00001
P0687			Email Thread of 06/02/2016 regarding Fw: About :请补充可研报告P38 产品技术指标 (第五章)	UMCDOJ-00155324
			Attachment: 產品設計_06022016.docx	UMCDOJ-00155327
P0687T			Translation of Email Thread of 06/02/2016 regarding Fw: About :请补充可研报告P38 产品技术指标 (第五章)	UMCDOJ-00155324_HT-00001
			Translation of Attachment: 產品設計_06022016.docx	UMCDOJ-00155327_HT-00001
P0688			Email Thread of 05/25/2016 regarding Re: Materials update for "晉江領導5/25-28到台參訪行程初步規劃"	UMCDOJ-00155329
			Attachment: 晉江訪問報告_研發與人才規劃_052516.pptx	UMCDOJ-00155335
P0688T			Translation of Email Thread of 05/25/2016 regarding Re: Materials update for "晉江領導5/25-28到台參訪行程初步規劃"	UMCDOJ-00155329_HT-00001
			Translation of Attachment: 晉江訪問報告_研發與人才規劃_052516.pptx	UMCDOJ-00155335_HT-00001
P0689			Email Thread of 05/25/2016 regarding Re: Resume of Weimin Li	UMCDOJ-00155357
			Attachment: Weimin Li-CV 2016.pdf	UMCDOJ-00155359
P0690			Email Thread of 05/25/2016 regarding Re: Resume of Weimin Li	UMCDOJ-00155372
			Attachment: 在美華人招募.pptx - See UMC Translated version at P1258	UMCDOJ-00155374
P0691			Email Thread of 06/13/2016 regarding Re: Fw: 晉華動土儀式相關行程及預邀請名單	UMCDOJ-00155423
			Attachment: 來賓名單_____20160611.xls	UMCDOJ-00155430
P0691T			Translation of Email Thread of 06/13/2016 regarding Re: Fw: 晉華動土儀式相關行程及預邀請名單	UMCDOJ-00155423_HT-00001
			Translation of Attachment: 來賓名單_____20160611.xls	UMCDOJ-00155430_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0692			Email Thread of 06/13/2016 regarding Re: Fw: 晉華動土儀式相關行程及預邀請名單	UMCDOJ-00155433
			Attachment: 晉華開工儀式活動.docx	UMCDOJ-00155440
			Attachment: 來賓名單_20160611.xls	UMCDOJ-00155443
P0692T			Translation of Email Thread of 06/13/2016 regarding Re: Fw: 晉華動土儀式相關行程及預邀請名單	UMCDOJ-00155433_HT-00001
			Translation of Attachment: 晉華開工儀式活動.docx	UMCDOJ-00155440_HT-00001
			Attachment: 來賓名單_20160611.xls	UMCDOJ-00155443
P0693			Email Thread of 06/13/2016 regarding Off-site workshop行前說明	UMCDOJ-00155447
			Attachment: Offsite workshop_20160613.pptx	UMCDOJ-00155448
			Attachment: 10000合菜(新).doc	UMCDOJ-00155456
P0693T			Translation of Email Thread of 06/13/2016 regarding Off-site workshop行前說明	UMCDOJ-00155447_HT-00001
			Translation of Attachment: Offsite workshop_20160613.pptx	UMCDOJ-00155448_HT-00001
			Attachment: 10000合菜(新).doc	UMCDOJ-00155456
P0694			Email Thread of 06/14/2016 regarding Fw: update: [Document Update] General-Purpose Report: "晉華" 泉州廠 動土典禮 觀禮廠商 統計	UMCDOJ-00155465
			Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00155468
			Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00155469
P0694T			Translation of Email Thread of 06/14/2016 regarding Fw: update: [Document Update] General-Purpose Report: "晉華" 泉州廠 動土典禮 觀禮廠商 統計	UMCDOJ-00155465_HT-00001
			Translation of Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00155468_HT-00001
			Translation of Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00155469_HT-00001
P0695			Email Thread of 06/17/2016 regarding opening material for off-site workshop	UMCDOJ-00155500
			Attachment: Opening.pptx	UMCDOJ-00155501
			Attachment: 1.xlsx	UMCDOJ-00155513
			Attachment: 2.xlsx	UMCDOJ-00155514
P0695T			Email Thread of 06/17/2016 regarding opening material for off-site workshop	UMCDOJ-00155500
			Translation of Attachment: Opening.pptx	UMCDOJ-00155501_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00155513
			Attachment: 2.xlsx	UMCDOJ-00155514
P0696			Email Thread of 08/19/2016 regarding Fw: CASPA: Jinhua's promotion proposal.	UMCDOJ-00155529
P0697			Email Thread of 08/22/2016 regarding Re: 薪資建議	UMCDOJ-00155556
P0697T			Translation of Email Thread of 08/22/2016 regarding Re: 薪資建議	UMCDOJ-00155556_HT-00001
P0698			Email Thread of 06/27/2016 regarding Fw: 转发: some information of Jinhua updata	UMCDOJ-00155562
P0698T			Translation of Email Thread of 06/27/2016 regarding Fw: 转发: some information of Jinhua updata	UMCDOJ-00155562_HT-00001
P0699			Email Thread of 06/28/2016 regarding Fw: 答复: 動土典禮流程	UMCDOJ-00155634
			Attachment: 晉江活动出席名单20160622 (最終定稿) .xlsx	UMCDOJ-00155636

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0699T			Translation of Email Thread of 06/28/2016 regarding Fw: 答复: 動土典禮流程	UMCDOJ-00155634_HT-00001
			Translation of Attachment: 晉江活动出席名单20160622 (最终定稿).xlsx	UMCDOJ-00155636_HT-00001
P0700			Email Thread of 06/29/2016 regarding Re: Fw: 答复: 動土典禮流程	UMCDOJ-00155637
			Attachment: 晉江活动出席名单20160622 (最终定稿).xlsx	UMCDOJ-00155638
P0700T			Translation of Email Thread of 06/29/2016 regarding Re: Fw: 答复: 動土典禮流程	UMCDOJ-00155637_HT-00001
			Translation of Attachment: 晉江活动出席名单20160622 (最终定稿).xlsx	UMCDOJ-00155638_HT-00001
P0701			Email Thread of 08/31/2016 regarding 晉華組織圖_08292016更新	UMCDOJ-00155682
			Attachment: 晉華組織和主管_08292016.pptx	UMCDOJ-00155683
P0701T			Translation of Email Thread of 08/31/2016 regarding 晉華組織圖_08292016更新	UMCDOJ-00155682_HT-00001
			Translation of Attachment: 晉華組織和主管_08292016.pptx	UMCDOJ-00155683_HT-00001
P0702			Email Thread of 04/11/2016 regarding Re: One Candidate (Device also Integ. member) 4/11	UMCDOJ-00156181
P0703			Email Thread of 05/24/2016 regarding Fw: 三團更新行程	UMCDOJ-00156289
			Attachment: schedule_as of 0523.xlsx	UMCDOJ-00156291
P0703T			Translation of Email Thread of 05/24/2016 regarding Fw: 三團更新行程	UMCDOJ-00156289_HT-00001
			Translation of Attachment: schedule_as of 0523.xlsx	UMCDOJ-00156291_HT-00001
P0704			Email Thread of 07/19/2016 regarding NBD Mission & Focus in Y2016 and 2017	UMCDOJ-00156424
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-00156425
			Attachment: 1.xlsx	UMCDOJ-00156465
			Attachment: 2.xlsx	UMCDOJ-00156466
P0705			Email Thread of 05/24/2016 regarding Re: BM company bit-size data	UMCDOJ-00156807
			Attachment: picture1.gif	UMCDOJ-00156808
P0706			Email Thread of 06/20/2016 regarding Confirmed: NBD off-site workshop (Jun 24 AM 09:00 ZE8 in 雲林縣古坑鄉華山村松林路54之5號)	UMCDOJ-00156843
			Attachment: Offsite workshop_20160620.pptx	UMCDOJ-00156845
			Attachment: picture1.jpeg	UMCDOJ-00156855
P0706T			Translation of Email Thread of 06/20/2016 regarding Confirmed: NBD off-site workshop (Jun 24 AM 09:00 ZE8 in 雲林縣古坑鄉華山村松林路54之5號)	UMCDOJ-00156843_HT-00001
			Translation of Attachment: Offsite workshop_20160620.pptx	UMCDOJ-00156845_HT-00001
			Attachment: picture1.jpeg	UMCDOJ-00156855
P0707			Email Thread of 09/16/2015 regarding Presentation Material	UMCDOJ-00156932
			Attachment: Presentation 20150917 FJ A.pptx	UMCDOJ-00156933
			Attachment: Presentation 20150917 FJ B.pptx	UMCDOJ-00156967
			Attachment: Presentation 20150917 FJ C.pptx	UMCDOJ-00156976
			Attachment: 1.xlsx	UMCDOJ-00156996



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0707T			Translation of Email Thread of 09/16/2015 regarding Presentation Material	UMCDOJ-00156932_HT-00001
			Translation of Attachment: Presentation 20150917 FJ A.pptx	UMCDOJ-00156933_HT-00001
			Translation of Attachment: Presentation 20150917 FJ B.pptx	UMCDOJ-00156967_HT-00001
			Translation of Attachment: Presentation 20150917 FJ C.pptx	UMCDOJ-00156976_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00156996
P0708			Email Thread of 10/07/2015 regarding topics for dinner discussion.	UMCDOJ-00157548
P0709			Email Thread of 10/12/2015 regarding 報告材料 (resend)	UMCDOJ-00157638
			Attachment: 福州Discussion_20151013.pptx	UMCDOJ-00157639
P0709T			Translation of Email Thread of 10/12/2015 regarding 報告材料 (resend)	UMCDOJ-00157638_HT-00001
			Translation of Attachment: 福州Discussion_20151013.pptx	UMCDOJ-00157639_HT-00001
P0710			Email Thread of 10/26/2015 regarding Re: Milestone & \$\$	UMCDOJ-00157908
			Attachment: RD Milestone \$.xlsx	UMCDOJ-00157910
			Attachment: picture1.gif	UMCDOJ-00157911
P0710T			Email Thread of 10/26/2015 regarding Re: Milestone & \$\$	UMCDOJ-00157908
			Translation of Attachment: RD Milestone \$.xlsx	UMCDOJ-00157910_HT-00001
			Attachment: picture1.gif	UMCDOJ-00157911
P0711			Email Thread of 11/06/2015 regarding 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00158233
P0711T			Translation of Email Thread of 11/06/2015 regarding 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00158233_HT-00001
P0712			Email Thread of 11/06/2015 regarding Re: Milestone & \$\$	UMCDOJ-00158236
			Attachment: picture1.gif	UMCDOJ-00158237
			Attachment: picture2.gif	UMCDOJ-00158238
P0713			Email Thread of 11/06/2015 regarding Fw: 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00158263
			Attachment: picture1.gif	UMCDOJ-00158266
P0713T			Translation of Email Thread of 11/06/2015 regarding Fw: 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00158263_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00158266_HT-00001
P0714			Email Thread of 11/06/2015 regarding Re: 1:1 face to face meeting	UMCDOJ-00158270
P0715			Email Thread of 11/13/2015 regarding Samsung/Hynix/Elpida 1M/2M pitch size comparison(包含 3M & 2M product)	UMCDOJ-00158298
			Attachment: picture1.gif	UMCDOJ-00158299
			Attachment: picture2.gif	UMCDOJ-00158300
P0715T			Translation of Email Thread of 11/13/2015 regarding Samsung/Hynix/Elpida 1M/2M pitch size comparison(包含 3M & 2M product)	UMCDOJ-00158298_HT-00001
			Attachment: picture1.gif	UMCDOJ-00158299
			Attachment: picture2.gif	UMCDOJ-00158300
P0716			Email Thread of 11/17/2015 regarding New hire 面談	UMCDOJ-00158330
P0716T			Translation of Email Thread of 11/17/2015 regarding New hire 面談	UMCDOJ-00158330_HT-00001
P0717			Email Thread of 11/17/2015 regarding Fwd: New hire 面談	UMCDOJ-00158332
P0717T			Translation of Email Thread of 11/17/2015 regarding Fwd: New hire 面談	UMCDOJ-00158332_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0718			Email Thread of 11/17/2015 regarding UMC logic BEOL rule vs. DRAM BEOL rule	UMCDOJ-00158333
			Attachment: picture1.gif	UMCDOJ-00158334
P0719			Email Thread of 11/17/2015 regarding Re: UMC logic BEOL rule vs. DRAM BEOL rule	UMCDOJ-00158335
			Attachment: picture1.gif	UMCDOJ-00158336
			Attachment: picture2.gif	UMCDOJ-00158337
P0720			Email Thread of 11/17/2015 regarding DRAM BEOL flow	UMCDOJ-00158338
			Attachment: BEOL flow-benchmark S company.xlsx	UMCDOJ-00158339
P0721			Email Thread of 11/17/2015 regarding Re: DRAM BEOL flow	UMCDOJ-00158340
P0722			Email Thread of 11/18/2015 regarding NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158341
			Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-00158342
			Attachment: picture1.gif	UMCDOJ-00158343
P0722T			Translation of Email Thread of 11/18/2015 regarding NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158341_HT-00001
			Translation of Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-00158342_HT-00001
			Attachment: picture1.gif	UMCDOJ-00158343
P0723			Email Thread of 11/18/2015 regarding Re: UMC logic BEOL rule vs. DRAM BEOL rule	UMCDOJ-00158344
			Attachment: picture1.gif	UMCDOJ-00158346
			Attachment: picture2.gif	UMCDOJ-00158347
P0724			Email Thread of 11/18/2015 regarding Fw: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158348
			Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-00158349
			Attachment: picture1.gif	UMCDOJ-00158350
P0724T			Translation of Email Thread of 11/18/2015 regarding Fw: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158348_HT-00001
			Translation of Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-00158349_HT-00001
			Attachment: picture1.gif	UMCDOJ-00158350
P0725			Email Thread of 11/18/2015 regarding Re: UMC logic BEOL rule vs. DRAM BEOL rule	UMCDOJ-00158352
			Attachment: picture1.gif	UMCDOJ-00158354
			Attachment: picture2.gif	UMCDOJ-00158355
P0726			Email Thread of 11/18/2015 regarding Re: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158360
P0726T			Translation of Email Thread of 11/18/2015 regarding Re: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00158360_HT-00001
P0727			Email Thread of 11/20/2015 regarding Stephen Chen.pptx	UMCDOJ-00158441
			Attachment: Stephen Chen.pptx	UMCDOJ-00158442
			Attachment: 1.xlsx	UMCDOJ-00158449
			Attachment: Stephen Chen.pptx;x-apple-part-url	UMCDOJ-00158450
			Attachment: 1.xlsx	UMCDOJ-00158457
P0728			Email Thread of 11/20/2015 regarding Project	UMCDOJ-00158459
P0729			Email Thread of 11/22/2015 regarding Re: Project	UMCDOJ-00158460
P0730			Email Thread of 11/22/2015 regarding Re: Project	UMCDOJ-00158461
P0731			Email Thread of 11/24/2015 regarding DRAM M1 AL condition(benchmark X company)	UMCDOJ-00158486
			Attachment: picture1.gif	UMCDOJ-00158487

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0731T			Translation of Email Thread of 11/24/2015 regarding DRAM M1 AL condition(benchmark X company)	UMCDOJ-00158486_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00158487_HT-00001
P0732			Email Thread of 11/27/2015 regarding Personal Biography	UMCDOJ-00158546
			Attachment: Stephen Chen.pptx	UMCDOJ-00158547
			Attachment: 1.xlsx	UMCDOJ-00158552
P0733			Email Thread of 11/27/2015 regarding SVP Chen's Personal Biography	UMCDOJ-00158555
P0734			Email Thread of 12/01/2015 regarding 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158614
			Attachment: picture1.gif	UMCDOJ-00158615
P0734T			Translation of Email Thread of 12/01/2015 regarding 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158614_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00158615_HT-00001
P0735			Email Thread of 12/01/2015 regarding Re: 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158616
			Attachment: picture1.gif	UMCDOJ-00158618
P0735T			Translation of Email Thread of 12/01/2015 regarding Re: 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158616_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00158618_HT-00001
P0736			Email Thread of 12/01/2015 regarding Re: 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158622
			Attachment: 0.134.gif;x-apple-part-url	UMCDOJ-00158624
P0736T			Translation of Email Thread of 12/01/2015 regarding Re: 試算 F28 3*2 new STR, AA HP(half pitch) size	UMCDOJ-00158622_HT-00001
			Attachment: 0.134.gif;x-apple-part-url	UMCDOJ-00158624
P0737			Email Thread of 12/04/2015 regarding Process Step Naming	UMCDOJ-00158770
			Attachment: UMC step naming.xlsx	UMCDOJ-00158771
P0738			Email Thread of 12/04/2015 regarding Re: Process Step Naming	UMCDOJ-00158772
			Attachment: UMC step naming.xlsx	UMCDOJ-00158774
P0738T			Email Thread of 12/04/2015 regarding Re: Process Step Naming	UMCDOJ-00158772
			Translation of Attachment: UMC step naming.xlsx	UMCDOJ-00158774_HT-00001
P0739			Email Thread of 12/04/2015 regarding Project M disscussion	UMCDOJ-00158780
			Attachment: picture1.gif	UMCDOJ-00158782
P0739T			Translation of Email Thread of 12/04/2015 regarding Project M disscussion	UMCDOJ-00158780_HT-00001
			Attachment: picture1.gif	UMCDOJ-00158782
P0740			Email Thread of 12/04/2015 regarding Re: Process Step Naming	UMCDOJ-00158783
P0741			Email Thread of 12/06/2015 regarding Re: Create process flow for "Project M"	UMCDOJ-00158789
P0741T			Translation of Email Thread of 12/06/2015 regarding Re: Create process flow for "Project M"	UMCDOJ-00158789_HT-00001
P0742			Email Thread of 12/06/2015 regarding Meeting room & time ---- Re: Create process flow for "Project M"	UMCDOJ-00158791
			Attachment: picture1.gif	UMCDOJ-00158796
P0742T			Translation of Email Thread of 12/06/2015 regarding Meeting room & time ---- Re: Create process flow for "Project M"	UMCDOJ-00158791_HT-00001
			Attachment: picture1.gif	UMCDOJ-00158796

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0743			Email Thread of 12/07/2015 regarding Invitation: Project M discussion (Dec 8 AM 09:00 ZE8 in P5-103會議室(@P5-1F))	UMCDOJ-00158806
			Attachment: picture1.gif	UMCDOJ-00158808
P0744			Email Thread of 12/11/2015 regarding [新人試用期滿系統] 何建廷試用期滿考核表請您簽核	UMCDOJ-00158926
P0744T			Translation of Email Thread of 12/11/2015 regarding [新人試用期滿系統] 何建廷試用期滿考核表請您簽核	UMCDOJ-00158926_HT-00001
P0745			Email Thread of 12/11/2015 regarding [新人試用期滿系統] 李甫哲試用期滿考核表請您簽核	UMCDOJ-00158927
P0745T			Translation of Email Thread of 12/11/2015 regarding [新人試用期滿系統] 李甫哲試用期滿考核表請您簽核	UMCDOJ-00158927_HT-00001
P0746			Email Thread of 12/15/2015 regarding Re: 風險評估for董事會說明用途	UMCDOJ-00158987
			Attachment: picture1.gif	UMCDOJ-00158988
P0746T			Translation of Email Thread of 12/15/2015 regarding Re: 風險評估for董事會說明用途	UMCDOJ-00158987_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00158988_HT-00001
P0747			Email Thread of 12/18/2015 regarding Meet with Project Candidate	UMCDOJ-00159079
P0748			Email Thread of 12/18/2015 regarding Re: Meet with Project Candidate	UMCDOJ-00159082
P0749			Email Thread of 12/22/2015 regarding Project M roadmap discussion	UMCDOJ-00159098
P0750			Email Thread of 12/25/2015 regarding Head count plan( Draft)	UMCDOJ-00159213
			Attachment: Head count planning.xlsx	UMCDOJ-00159214
P0751			Email Thread of 01/04/2016 regarding Re: Milestone of Project M	UMCDOJ-00159339
			Attachment: Project M Milestone_20160104-neillee.pptx	UMCDOJ-00159342
			Attachment: 1.xlsx	UMCDOJ-00159347
P0752			Email Thread of 01/07/2016 regarding Re: A question on 1/11 meeting	UMCDOJ-00159498
P0753			Email Thread of 01/07/2016 regarding Re: Fw: 1/4-1/6拜訪重慶報告	UMCDOJ-00159502
			Attachment: Project M Milestone_20160104-neillee.pptx	UMCDOJ-00159505
			Attachment: 1.xlsx	UMCDOJ-00159510
P0753T			Translation of Email Thread of 01/07/2016 regarding Re: Fw: 1/4-1/6拜訪重慶報告	UMCDOJ-00159502_HT-00001
			Attachment: Project M Milestone_20160104-neillee.pptx	UMCDOJ-00159505
			Translation of Attachment: 1.xlsx	UMCDOJ-00159510_HT-00001
P0754			Email Thread of 01/11/2016 regarding Re: milestone	UMCDOJ-00159539
			Attachment: Project M Milestone_20160104-neillee.pptx	UMCDOJ-00159540
			Attachment: 1.xlsx	UMCDOJ-00159545
P0755			Email Thread of 01/12/2016 regarding minutes & Actions with UMI	UMCDOJ-00159556
P0756			Email Thread of 01/12/2016 regarding Re: minutes & Actions with UMI	UMCDOJ-00159557
			Attachment: picture1.gif	UMCDOJ-00159559
P0757			Email Thread of 01/12/2016 regarding DRAM scale down	UMCDOJ-00159564
P0758			Email Thread of 01/15/2016 regarding Re: Fw: minutes & Actions with UMI	UMCDOJ-00159663
			Attachment: picture1.gif	UMCDOJ-00159668
P0759			Email Thread of 01/15/2016 regarding Re: Project M Key Technology Enablers report	UMCDOJ-00159706
P0760			Email Thread of 01/27/2016 regarding Milestone of Project M	UMCDOJ-00159863
			Attachment: Project M Milestone 201601.pptx	UMCDOJ-00159864
			Attachment: 1.xlsx	UMCDOJ-00159876
P0761			Email Thread of 01/27/2016 regarding Re: Milestone of Project M	UMCDOJ-00159877
			Attachment: Project M Milestone 201601.pptx	UMCDOJ-00159879
			Attachment: 1.xlsx	UMCDOJ-00159891

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0762			Email Thread of 01/28/2016 regarding Re: Milestone of Project M	UMCDOJ-00159892
			Attachment: Project M Milestone 201601.pptx	UMCDOJ-00159894
			Attachment: 1.xlsx	UMCDOJ-00159906
P0763			Email Thread of 01/28/2016 regarding Re: Update --- Re: Project M Manpower and budget forecast before tool installation	UMCDOJ-00159909
			Attachment: picture1.gif	UMCDOJ-00159913
P0764			Email Thread of 02/13/2016 regarding Fwd: MU: Early Impressions From Micron's Investor Meeting	UMCDOJ-00160103
P0764T			Translation of Email Thread of 02/13/2016 regarding Fwd: MU: Early Impressions From Micron's Investor Meeting	UMCDOJ-00160103_HT-00001
P0765			Email Thread of 02/17/2016 regarding MTD organization	UMCDOJ-00160125
			Attachment: Manpower estimation for Project M_20160216.pptx	UMCDOJ-00160126
P0766			Email Thread of 02/18/2016 regarding Q&A	UMCDOJ-00160131
			Attachment: DR合作案Q&A_20160214.docx	UMCDOJ-00160132
			Attachment: 1.xlsx	UMCDOJ-00160137
			Attachment: 2.xlsx	UMCDOJ-00160138
P0766T			Translation of Email Thread of 02/18/2016 regarding Q&A	UMCDOJ-00160131_HT-00001
			Translation of Attachment: DR合作案Q&A_20160214.docx	UMCDOJ-00160132_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00160137
			Attachment: 2.xlsx	UMCDOJ-00160138
P0767			Email Thread of 03/01/2016 regarding Re: Bonus	UMCDOJ-00160445
			Attachment: Internal Organization 20160225.pptx	UMCDOJ-00160446
			Attachment: picture1.gif	UMCDOJ-00160458
P0767T			Translation of Email Thread of 03/01/2016 regarding Re: Bonus	UMCDOJ-00160445_HT-00001
			Translation of Attachment: Internal Organization 20160225.pptx	UMCDOJ-00160446_HT-00001
			Attachment: picture1.gif	UMCDOJ-00160458
P0768			Email Thread of 03/03/2016 regarding Fw: 转发: 答复: 福建晋华集成电路 存储器生产线项目申请报告 (草稿)	UMCDOJ-00160462
			Attachment: 福建晋华集成电路 存储器生产线项目申请报告 (草稿) 0225V2.doc	UMCDOJ-00160464
			Attachment: 1.xls	UMCDOJ-00160590
P0768T			Translation of Email Thread of 03/03/2016 regarding Fw: 转发: 答复: 福建晋华集成电路 存储器生产线项目申请报告 (草稿)	UMCDOJ-00160462_HT-00001
			Translation of Attachment: 福建晋华集成电路 存储器生产线项目申请报告 (草稿) 0225V2.doc	UMCDOJ-00160464_HT-00001
			Attachment: 1.xls	UMCDOJ-00160590
P0769			Email Thread of 03/07/2016 regarding Fw: 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00160842
P0769T			Translation of Email Thread of 03/07/2016 regarding Fw: 11/5 電話會議整理與建議 (附費用估算)	UMCDOJ-00160842_HT-00001
P0770			Email Thread of 03/07/2016 regarding Fw: Project	UMCDOJ-00160845
P0771			Email Thread of 03/07/2016 regarding Fw: Milestone of Project M	UMCDOJ-00161022
			Attachment: Project M Milestone 201601.pptx	UMCDOJ-00161024
			Attachment: 1.xlsx	UMCDOJ-00161036
P0772			Email Thread of 03/14/2016 regarding Re: 報告資料	UMCDOJ-00161236
			Attachment: PROJECT-M-7.pptx	UMCDOJ-00161238
			Attachment: PROJECT-M-6.pptx	UMCDOJ-00161241



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0772T			Translation of Email Thread of 03/14/2016 regarding Re: 報告資料	UMCDOJ-00161236_HT-00001
			Translation of Attachment: PROJECT-M-7.pptx	UMCDOJ-00161238_HT-00001
			Attachment: PROJECT-M-6.pptx	UMCDOJ-00161241
P0773			Email Thread of 03/14/2016 regarding Leasing firm conatct	UMCDOJ-00161244
			Attachment: 201602_JA Mitsui Leasing □ Jolene □.pptx	UMCDOJ-00161245
P0774			Email Thread of 03/15/2016 regarding HR issue for Chairman	UMCDOJ-00161264
			Attachment: Interview Q&A_201603.pptx	UMCDOJ-00161265
P0774T			Email Thread of 03/15/2016 regarding HR issue for Chairman	UMCDOJ-00161264
			Translation of Attachment: Interview Q&A_201603.pptx	UMCDOJ-00161265_HT-00001
P0775			Email Thread of 03/15/2016 regarding Interview Q&A	UMCDOJ-00161283
			Attachment: Interview Q&A_20160315.pptx	UMCDOJ-00161284
P0775T			Email Thread of 03/15/2016 regarding Interview Q&A	UMCDOJ-00161283
			Translation of Attachment: Interview Q&A_20160315.pptx	UMCDOJ-00161284_HT-00001
P0776			Email Thread of 03/17/2016 regarding Meeting Minutes of SVP Weekly 20160316	UMCDOJ-00161554
			Attachment: New Business organization & manpower_201603.xlsx	UMCDOJ-00161555
			Attachment: PM weekly_20160317.pptx	UMCDOJ-00161556
			Attachment: picture1.gif	UMCDOJ-00161572
P0776T			Email Thread of 03/17/2016 regarding Meeting Minutes of SVP Weekly 20160316	UMCDOJ-00161554
			Attachment: New Business organization & manpower_201603.xlsx	UMCDOJ-00161555
			Translation of Attachment: PM weekly_20160317.pptx	UMCDOJ-00161556_HT-00001
			Attachment: picture1.gif	UMCDOJ-00161572
P0777			Email Thread of 03/17/2016 regarding Fw: personal	UMCDOJ-00161574
			Attachment: Stephen Chen.pptx	UMCDOJ-00161575
			Attachment: 1.xlsx	UMCDOJ-00161580
P0778			Email Thread of 03/17/2016 regarding Re: Support to project-M	UMCDOJ-00161582
P0779			Email Thread of 03/17/2016 regarding Re: Support to project-M	UMCDOJ-00161585
P0780			Email Thread of 03/17/2016 regarding Re: Support to project-M	UMCDOJ-00161592
P0781			Email Thread of 03/17/2016 regarding Re: Compared "S"/"H"/"M" S/A and SWD 16/03/17	UMCDOJ-00161595
			Attachment: DRAM S,H,M SA SWD 160317.pptx	UMCDOJ-00161597
P0782			Email Thread of 03/23/2016 regarding Re: Tool Inquiring Form of Project M	UMCDOJ-00161899
			Attachment: picture1.gif	UMCDOJ-00161901
P0783			Email Thread of 03/23/2016 regarding Re: Tool Inquiring Form of Project M	UMCDOJ-00161907
			Attachment: picture1.gif	UMCDOJ-00161910
			Attachment: picture2.gif	UMCDOJ-00161911
P0784			Email Thread of 03/25/2016 regarding Re: Fwd: Project-M Manpower from ATDc	UMCDOJ-00162016
			Attachment: Project-M Manpower from ATD_20160321_v7..xlsx	UMCDOJ-00162018
			Attachment: picture1.gif	UMCDOJ-00162019

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0784T			Email Thread of 03/25/2016 regarding Re: Fwd: Project-M Manpower from ATDc	UMCDOJ-00162016
			Translation of Attachment: Project-M Manpower from ATD_20160321_v7..xlsx	UMCDOJ-00162018_HT-00001
			Attachment: picture1.gif	UMCDOJ-00162019
P0785			Email Thread of 03/28/2016 regarding NBD 人力需求狀況	UMCDOJ-00162086
P0785T			Translation of Email Thread of 03/28/2016 regarding NBD 人力需求狀況	UMCDOJ-00162086_HT-00001
P0786			Email Thread of 03/30/2016 regarding Re: Air Gap interconnect process could be an industry trend in DRAM/NAND technology, fyi!	UMCDOJ-00162167
P0787			Email Thread of 03/31/2016 regarding Re: Fw: potencial allance	UMCDOJ-00162378
P0788			Email Thread of 03/31/2016 regarding Re: Fw: potencial allance	UMCDOJ-00162384
P0789			Email Thread of 03/31/2016 regarding meeting material	UMCDOJ-00162397
			Attachment: 晉華 FOC Bi-weekly 0330.ppt	UMCDOJ-00162398
			Attachment: picture1.gif	UMCDOJ-00162407
			Attachment: picture2.gif	UMCDOJ-00162408
P0789T			Translation of Email Thread of 03/31/2016 regarding meeting material	UMCDOJ-00162397_HT-00001
			Attachment: 晉華 FOC Bi-weekly 0330.ppt	UMCDOJ-00162398
			Attachment: picture1.gif	UMCDOJ-00162407
			Attachment: picture2.gif	UMCDOJ-00162408
P0790			Email Thread of 03/31/2016 regarding Re: potencial allance	UMCDOJ-00162410
			Attachment: notesdoclink.gif;x-apple-part-url	UMCDOJ-00162416
P0791			Email Thread of 04/01/2016 regarding Re: meeting material	UMCDOJ-00162419
			Attachment: picture1.gif	UMCDOJ-00162421
			Attachment: picture2.gif	UMCDOJ-00162422
P0791T			Email Thread of 04/01/2016 regarding Re: meeting material	UMCDOJ-00162419
			Translation of Attachment: picture1.gif	UMCDOJ-00162421_HT-00001
			Translation of Attachment: picture2.gif	UMCDOJ-00162422_HT-00001
P0792			Email Thread of 04/06/2016 regarding Fw: One Candidate	UMCDOJ-00162472
P0792T			Translation of Email Thread of 04/06/2016 regarding Fw: One Candidate	UMCDOJ-00162472_HT-00001
P0793			Email Thread of 05/12/2017 regarding Fw: micron analysts day ppt	UMCDOJ-00163234
			Attachment: Micron Analyst Conference 2017.pdf	UMCDOJ-00163235
P0794			Email Thread of 06/06/2017 regarding Fw: 发改、工信关于资金申请重要文件	UMCDOJ-00163567
			Attachment: doc15168420170601170101.pdf	UMCDOJ-00163569
P0794T			Translation of Email Thread of 06/06/2017 regarding Fw: 发改、工信关于资金申请重要文件	UMCDOJ-00163567_HT-00001
			Translation of Attachment: doc15168420170601170101.pdf	UMCDOJ-00163569_HT-00001
P0795			Email Thread of 04/07/2016 regarding Re: meeting material	UMCDOJ-00168267
			Attachment: picture1.gif	UMCDOJ-00168271
			Attachment: picture2.gif	UMCDOJ-00168272
			Attachment: picture3.gif	UMCDOJ-00168273
			Attachment: picture4.gif	UMCDOJ-00168274
			Attachment: picture5.gif	UMCDOJ-00168275

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0795T			Translation of Email Thread of 04/07/2016 regarding Re: meeting material	UMCDOJ-00168267_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-00168271_HT-00001
			Translation of Attachment: picture2.gif	UMCDOJ-00168272_HT-00001
			Translation of Attachment: picture3.gif	UMCDOJ-00168273_HT-00001
			Translation of Attachment: picture4.gif	UMCDOJ-00168274_HT-00001
			Translation of Attachment: picture5.gif	UMCDOJ-00168275_HT-00001
P0796			Email Thread of 04/07/2016 regarding Fw: Draft of NBD manpower update	UMCDOJ-00168276
			Attachment: NBD manpower update_04082016.pptx	UMCDOJ-00168279
			Attachment: PROJECT-M-7_HR plan.pptx	UMCDOJ-00168285
P0796T			Email Thread of 04/07/2016 regarding Fw: Draft of NBD manpower update	UMCDOJ-00168276
			Translation of Attachment: NBD manpower update_04082016.pptx	UMCDOJ-00168279_HT-00001
			Translation of Attachment: PROJECT-M-7_HR plan.pptx	UMCDOJ-00168285_HT-00001
P0797			Email Thread of 04/13/2016 regarding Re: 4/14-16邵玉龍董事長行程	UMCDOJ-00168384
P0797T			Translation of Email Thread of 04/13/2016 regarding Re: 4/14-16邵玉龍董事長行程	UMCDOJ-00168384_HT-00001
P0798			Email Thread of 04/14/2016 regarding 4/15 會議資料	UMCDOJ-00168424
			Attachment: Meeting 20160415.pptx	UMCDOJ-00168425
P0798T			Translation of Email Thread of 04/14/2016 regarding 4/15 會議資料	UMCDOJ-00168424_HT-00001
			Translation of Attachment: Meeting 20160415.pptx	UMCDOJ-00168425_HT-00001
P0799			Email Thread of 04/18/2016 regarding Fw: Resume	UMCDOJ-00168502
			Attachment: __.pdf	UMCDOJ-00168504
P0799T			Translation of Email Thread of 04/18/2016 regarding Fw: Resume	UMCDOJ-00168502_HT-00001
			Translation of Attachment: __.pdf	UMCDOJ-00168504_HT-00001
P0800			Email Thread of 04/20/2016 regarding Fwd: NBD外招特定人員：不適用UMC一般內部獎勵，如南科廠區津貼、分紅等	UMCDOJ-00168589
P0801			Email Thread of 04/22/2016 regarding Re: NBD外招特定人員：不適用UMC一般內部獎勵，如南科廠區津貼、分紅等	UMCDOJ-00168729
P0801T			Translation of Email Thread of 04/22/2016 regarding Re: NBD外招特定人員：不適用UMC一般內部獎勵，如南科廠區津貼、分紅等	UMCDOJ-00168729_HT-00001
P0802			Email Thread of 04/27/2016 regarding JH RD talent program	UMCDOJ-00168815
			Attachment: 研發人員留任計畫_20160427.docx	UMCDOJ-00168818
P0802T			Email Thread of 04/27/2016 regarding JH RD talent program	UMCDOJ-00168815
			Translation of Attachment: 研發人員留任計畫_20160427.docx	UMCDOJ-00168818_HT-00001
P0803			Email Thread of 04/27/2016 regarding Re: JH RD talent program	UMCDOJ-00168821
P0804			Email Thread of 04/27/2016 regarding Re: JH RD talent program	UMCDOJ-00168833

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0805			Email Thread of 05/03/2016 regarding Fw: Final version for 5/5福州行	UMCDOJ-00168996
			Attachment: 專案團隊介紹_20160503.pptx	UMCDOJ-00168997
			Attachment: 附件.xlsx	UMCDOJ-00169004
P0805T			Email Thread of 05/03/2016 regarding Fw: Final version for 5/5福州行	UMCDOJ-00168996
			Translation of Attachment: 專案團隊介紹_20160503.pptx	UMCDOJ-00168997_HT-00001
			Attachment: 附件.xlsx	UMCDOJ-00169004
P0806			Email Thread of 05/04/2016 regarding Re: 5/5 & 5/6 agenda	UMCDOJ-00169061
P0806T			Translation of Email Thread of 05/04/2016 regarding Re: 5/5 & 5/6 agenda	UMCDOJ-00169061_HT-00001
P0807			Email Thread of 05/04/2016 regarding Re: 5/5 & 5/6 agenda	UMCDOJ-00169071
			Attachment: JHBoD_20160505.pptx	UMCDOJ-00169073
P0807T			Translation of Email Thread of 05/04/2016 regarding Re: 5/5 & 5/6 agenda	UMCDOJ-00169071_HT-00001
			Translation of Attachment: JHBoD_20160505.pptx	UMCDOJ-00169073_HT-00001
P0808			Email Thread of 05/19/2016 regarding Re: Project M - Furnace price update	UMCDOJ-00169460
			Attachment: Project M - Furnace price update.xlsx	UMCDOJ-00169464
			Attachment: picture1.gif	UMCDOJ-00169465
P0809			Email Thread of 05/24/2016 regarding Re: Materials update for "晉江領導5/25-28到台參訪行程初步規劃"	UMCDOJ-00169601
			Attachment: DRAM Development Progress_SFTzou_v5_0524.pptx	UMCDOJ-00169607
P0810			Email Thread of 05/25/2016 regarding Fw: 5/27 下午董事會PPT	UMCDOJ-00169643
			Attachment: JHBoD_20160527.pptx	UMCDOJ-00169644
P0810T			Translation of Email Thread of 05/25/2016 regarding Fw: 5/27 下午董事會PPT	UMCDOJ-00169643_HT-00001
			Translation of Attachment: JHBoD_20160527.pptx	UMCDOJ-00169644_HT-00001
P0811			Email Thread of 05/25/2016 regarding Re: 5/26 下午與晉江會談的議題	UMCDOJ-00169653
P0811T			Translation of Email Thread of 05/25/2016 regarding Re: 5/26 下午與晉江會談的議題	UMCDOJ-00169653_HT-00001
P0812			Email Thread of 05/26/2016 regarding Re: 5/26 下午與晉江會談的議題	UMCDOJ-00169921
			Attachment: JJ_20160526.pptx	UMCDOJ-00169923
P0812T			Email Thread of 05/26/2016 regarding Re: 5/26 下午與晉江會談的議題	UMCDOJ-00169921
			Translation of Attachment: JJ_20160526.pptx	UMCDOJ-00169923_HT-00001
P0813			Email Thread of 05/28/2016 regarding Re: Project M Report Update	UMCDOJ-00170063
P0814			Email Thread of 05/28/2016 regarding Re: Project M Report Update	UMCDOJ-00170065
P0815			Email Thread of 06/13/2016 regarding Fw: 晉華Logo提案	UMCDOJ-00170778
			Attachment: 晉華Logo提案_06132016.pptx	UMCDOJ-00170779
P0815T			Translation of Email Thread of 06/13/2016 regarding Fw: 晉華Logo提案	UMCDOJ-00170778_HT-00001
			Translation of Attachment: 晉華Logo提案_06132016.pptx	UMCDOJ-00170779_HT-00001
P0816			Email Thread of 06/13/2016 regarding Re: 晉華Logo提案	UMCDOJ-00170786
P0817			Email Thread of 06/14/2016 regarding update: [Document Update] General-Purpose Report: "晉華" 泉州廠 動土典禮 觀禮廠商 統計	UMCDOJ-00170807
			Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00170810

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0817T			Translation of Email Thread of 06/14/2016 regarding update: [Document Update] General-Purpose Report: "晉華" 泉州廠 動土典禮 觀禮廠商統計	UMCDOJ-00170807_HT-00001
			Translation of Attachment: 晉華動土典禮觀禮廠商-UMC0614 v1.xlsx	UMCDOJ-00170810_HT-00001
P0818			Email Thread of 06/23/2016 regarding Re: Visit of 陳正坤資深副總, Jun 28	UMCDOJ-00171514
P0818T			Translation of Email Thread of 06/23/2016 regarding Re: Visit of 陳正坤資深副總, Jun 28	UMCDOJ-00171514_HT-00001
P0819			Email Thread of 06/27/2016 regarding Fw: 转发: some information of Jinhua update	UMCDOJ-00171540
P0819T			Translation of Email Thread of 06/27/2016 regarding Fw: 转发: some information of Jinhua update	UMCDOJ-00171540_HT-00001
P0820			Email Thread of 06/29/2016 regarding Re: Fw: 晉華可研報告會議紀錄草稿, 請相關人員先過目。有問題或須修正處請再聯絡我。	UMCDOJ-00171642
P0820T			Translation of Email Thread of 06/29/2016 regarding Re: Fw: 晉華可研報告會議紀錄草稿, 請相關人員先過目。有問題或須修正處請再聯絡我。	UMCDOJ-00171642_HT-00001
P0821			Email Thread of 08/02/2016 regarding Fw: Boise visit response	UMCDOJ-00173438
			Attachment: M Team.pdf	UMCDOJ-00173442
P0821T			Translation of Email Thread of 08/02/2016 regarding Fw: Boise visit response	UMCDOJ-00173438_HT-00001
			Attachment: M Team.pdf	UMCDOJ-00173442
P0822			Email Thread of 08/03/2016 regarding Re: Boise case update	UMCDOJ-00173482
P0823			Email Thread of 08/04/2016 regarding Fw: Materials update for "晉江領導5/25-28到台參訪行程初步規劃"	UMCDOJ-00173551
			Attachment: DRAM Development Progress_SFTzou_v5_0524.pptx	UMCDOJ-00173557
P0823T			Translation of Email Thread of 08/04/2016 regarding Fw: Materials update for "晉江領導5/25-28到台參訪行程初步規劃"	UMCDOJ-00173551_HT-00001
			Translation of Attachment: DRAM Development Progress_SFTzou_v5_0524.pptx	UMCDOJ-00173557_HT-00001
P0824			Email Thread of 10/03/2016 regarding Photo candidate 楊忠憲 Resume	UMCDOJ-00176134
			Attachment: 楊忠憲履歷.pdf	UMCDOJ-00176135
			Attachment: Resume of Jacky Yang.pdf	UMCDOJ-00176139
P0824T			Translation of Email Thread of 10/03/2016 regarding Photo candidate 楊忠憲 Resume	UMCDOJ-00176134_HT-00001
			Attachment: 楊忠憲履歷.pdf	UMCDOJ-00176135
			Attachment: Resume of Jacky Yang.pdf	UMCDOJ-00176139
P0825			Email Thread of 10/21/2016 regarding 转发: 接待安排	UMCDOJ-00176809
			Attachment: 接待安排.doc	UMCDOJ-00176813
			Attachment: gb18030;name	UMCDOJ-00176815
P0825T			Translation of Email Thread of 10/21/2016 regarding 转发: 接待安排	UMCDOJ-00176809_HT-00001
			Attachment: 接待安排.doc	UMCDOJ-00176813
			Attachment: gb18030;name	UMCDOJ-00176815



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0826			Email Thread of 10/28/2016 regarding 美國宣傳簡報	UMCDOJ-00177125
			Attachment: 认识晋华集成电路_20161013_SVP.pptx	UMCDOJ-00177126
			Attachment: 中国半导体产业展望与福建半导体_20161020_Wu.pptx	UMCDOJ-00177136
			Attachment: 1.xls	UMCDOJ-00177167
			Attachment: 2.xls	UMCDOJ-00177168
			Attachment: 3.xls	UMCDOJ-00177169
			Attachment: 4.xls	UMCDOJ-00177170
			Attachment: 5.xls	UMCDOJ-00177171
			Attachment: 6.xls	UMCDOJ-00177172
			Attachment: 7.xls	UMCDOJ-00177173
			Attachment: 8.xls	UMCDOJ-00177174
P0826T			Translation of Email Thread of 10/28/2016 regarding 美國宣傳簡報	UMCDOJ-00177125_HT-00001
			Attachment: 认识晋华集成电路_20161013_SVP.pptx	UMCDOJ-00177126
			Translation of Attachment: 中国半导体产业展望与福建半导体_20161020_Wu.pptx	UMCDOJ-00177136_HT-00001
			Attachment: 1.xls	UMCDOJ-00177167
			Attachment: 2.xls	UMCDOJ-00177168
			Attachment: 3.xls	UMCDOJ-00177169
			Attachment: 4.xls	UMCDOJ-00177170
			Attachment: 5.xls	UMCDOJ-00177171
			Attachment: 6.xls	UMCDOJ-00177172
			Attachment: 7.xls	UMCDOJ-00177173
			Attachment: 8.xls	UMCDOJ-00177174
P0827			Email Thread of 11/21/2016 regarding Weekly status update	UMCDOJ-00178050
P0827T			Translation of Email Thread of 11/21/2016 regarding Weekly status update	UMCDOJ-00178050_HT-00001
P0828			Email Thread of 11/27/2016 regarding Weekly status update	UMCDOJ-00178341
P0828T			Translation of Email Thread of 11/27/2016 regarding Weekly status update	UMCDOJ-00178341_HT-00001
P0829			Email Thread of 12/02/2016 regarding JHICC start up plan	UMCDOJ-00178870
			Attachment: 20161202 start up plan.pptx	UMCDOJ-00178871
P0829T			Email Thread of 12/02/2016 regarding JHICC start up plan	UMCDOJ-00178870
			Translation of Attachment: 20161202 start up plan.pptx	UMCDOJ-00178871_HT-00001
P0830			Email Thread of 12/04/2016 regarding Weekly status update	UMCDOJ-00178916
P0831			Email Thread of 12/18/2016 regarding WW50 Weekly status update	UMCDOJ-00179350
P0832			Email Thread of 12/22/2016 regarding 環評範圍修改為12萬片相關議題	UMCDOJ-00179766
P0832T			Translation of Email Thread of 12/22/2016 regarding 環評範圍修改為12萬片相關議題	UMCDOJ-00179766_HT-00001
P0833			Email Thread of 12/26/2016 regarding Fw: 动态随机存储器研发年度报告 (2016.12)-1	UMCDOJ-00179936
			Attachment: 动态随机存储器研发年度报告 (2016.12)-1.pptx	UMCDOJ-00179937
			Attachment: 1.xlsx	UMCDOJ-00179970
P0833T			Translation of Email Thread of 12/26/2016 regarding Fw: 动态随机存储器研发年度报告 (2016.12)-1	UMCDOJ-00179936_HT-00001
			Translation of Attachment: 动态随机存储器研发年度报告 (2016.12)-1.pptx	UMCDOJ-00179937_HT-00001
			Attachment: 1.xlsx	UMCDOJ-00179970
P0834			Email Thread of 03/31/2016 regarding Fw: wafer type of DRAM	UMCDOJ-00180237
			Attachment: picture1.gif	UMCDOJ-00180240

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0835			Email Thread of 01/01/2015 regarding Re: Scanner tool sets for 60k wafer-out	UMCDOJ-00186550
			Attachment: Scanner estimate for 60k wafer out_ver2.pptx	UMCDOJ-00186552
			Attachment: picture1.gif	UMCDOJ-00186553
			Attachment: picture2.gif	UMCDOJ-00186554
P0836			Email Thread of 01/25/2016 regarding 有關project m的成員群組設定	UMCDOJ-00186777
			Attachment: picture1.gif	UMCDOJ-00186778
P0836T			Translation of Email Thread of 01/25/2016 regarding 有關project m的成員群組設定	UMCDOJ-00186777_HT-00001
			Attachment: picture1.gif	UMCDOJ-00186778
P0837			Email Thread of 02/22/2016 regarding Re: 關於 project M 面試人員	UMCDOJ-00186791
P0837T			Translation of Email Thread of 02/22/2016 regarding Re: 關於 project M 面試人員	UMCDOJ-00186791_HT-00001
P0838			Email Thread of 12/25/2015 regarding Project M information security rules	UMCDOJ-00186976
			Attachment: Information Security-Ryan-20151225.pptx	UMCDOJ-00186977
P0838T			Translation of Email Thread of 12/25/2015 regarding Project M information security rules	UMCDOJ-00186976_HT-00001
			Translation of Attachment: Information Security-Ryan-20151225.pptx	UMCDOJ-00186977_HT-00001
P0839			Email Thread of 12/24/2015 regarding Hynix+SS DRAM STR 示意圖	UMCDOJ-00186990
			Attachment: DRAM STR(Hynix & SS).xlsx	UMCDOJ-00186991
			Attachment: picture1.gif	UMCDOJ-00186992
P0840			Email Thread of 12/29/2015 regarding Re: Milestone (Follow up items of meeting )	UMCDOJ-00187062
			Attachment: Milestone20151228.pptx	UMCDOJ-00187066
			Attachment: picture1.gif	UMCDOJ-00187078
			Attachment: picture2.gif	UMCDOJ-00187079
P0841			Email Thread of 05/25/2016 regarding sample for ste-by-step review	UMCDOJ-00187422
			Attachment: Sample for step-by-step.pptx	UMCDOJ-00187423
P0842			20180612 4Gb DDR3 Market Brief.pptx	UMCDOJ-00246407
			Attachment: 1.xlsx	UMCDOJ-00246415
P0843			PM1 Annual report for JHICC_Dec_2016_v3.pptx	UMCDOJ-00249131
P0843T			Translation of PM1 Annual report for JHICC_Dec_2016_v3.pptx	UMCDOJ-00249131_HT-00001
P0844			Email Thread of 02/16/2017 regarding New Device implant BKM Updated	UMCDOJ-00264555
			Attachment: F32 TV0 Device Implant BKM_20170215.xlsx	UMCDOJ-00264556
P0845			Email Thread of 05/12/2017 regarding Fw: micron analysts day ppt	UMCDOJ-00273302
			Attachment: Micron Analyst Conference 2017.pdf	UMCDOJ-00273303
P0846			Email Thread of 06/27/2017 regarding IT 公告: 【 OA 電腦保管人確認通知2017/H1 】	UMCDOJ-00278440
P0846T			Translation of Email Thread of 06/27/2017 regarding IT 公告: 【 OA 電腦保管人確認通知2017/H1 】	UMCDOJ-00278440_HT-00001
P0847			Email Thread of 06/26/2017 regarding IT 公告: 【 OA 電腦保管人確認通知2017/H1 】	UMCDOJ-00278502

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0848			Email Thread of 08/15/2018 regarding Fw: JHI	UMCDOJ-00311387
			Attachment: 优秀人才文件.PNG	UMCDOJ-00311388
			Attachment: (246) 关于印发晋江市加快培育集成电路全产业链的若干意见的通知.doc	UMCDOJ-00311389
			Attachment: 晋江市人民政府办公室关于印发晋江市集成电路产业优秀人才认定标准（试行）的通知.pdf	UMCDOJ-00311398
			Attachment: 晋江市集成电路产业人才优待政策操作程序（晋华公司人才认定、津贴兑现）.doc	UMCDOJ-00311409
P0848T			Translation of Email Thread of 08/15/2018 regarding Fw: JHI	UMCDOJ-00311387_HT-00001
			Translation of Attachment: 优秀人才文件.PNG	UMCDOJ-00311388_HT-00001
			Translation of Attachment: (246) 关于印发晋江市加快培育集成电路全产业链的若干意见的通知.doc	UMCDOJ-00311389_HT-00001
			Translation of Attachment: 晋江市人民政府办公室关于印发晋江市集成电路产业优秀人才认定标准（试行）的通知.pdf	UMCDOJ-00311398_HT-00001
			Translation of Attachment: 晋江市集成电路产业人才优待政策操作程序（晋华公司人才认定、津贴兑现）.doc	UMCDOJ-00311409_HT-00001
P0849			859_122.png	UMCDOJ-00341609
P0850			568_DieThickness_73um.png	UMCDOJ-00341759
P0851			587_M3_Pitch_310nm.png	UMCDOJ-00341774
P0852			462_general_structure.png	UMCDOJ-00341805
P0853			465_passivation.png	UMCDOJ-00341810
P0854			468_PMD_ILD1.png	UMCDOJ-00341815
P0855			470.png	UMCDOJ-00341817
P0856			983_contact_pitch_330nm.png	UMCDOJ-00341832
P0857			917_pmos.png	UMCDOJ-00341870
P0858			919_wordline_bitline.png	UMCDOJ-00341872
P0859			229.png	UMCDOJ-00341886
P0860			228_array_edge.png	UMCDOJ-00341887
P0861			234.png	UMCDOJ-00341907
P0862			247.png	UMCDOJ-00341954
P0863			1251_array_doping.png	UMCDOJ-00341994
P0864			1260.png	UMCDOJ-00342011
P0865			489_array_edge.png	UMCDOJ-00342062
P0866			490_array_edge.png	UMCDOJ-00342069
P0867			491_array_structure.png	UMCDOJ-00342070
P0868			802_array_edge.png	UMCDOJ-00342086
P0869			803_array.png	UMCDOJ-00342092
P0870			805_general_structure.png	UMCDOJ-00342094
P0871			806_array.png	UMCDOJ-00342095
P0872			812_array.png	UMCDOJ-00342116
P0873			815.png	UMCDOJ-00342123
P0874			820_memory.png	UMCDOJ-00342140
P0875			823.png	UMCDOJ-00342146
P0876			827_array_edge.png	UMCDOJ-00342156
P0877			833.png	UMCDOJ-00342175

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0878			886_doping_detail.png	UMCDOJ-00342219
P0879			823.png	UMCDOJ-00342411
P0880			478_ILD2.png	UMCDOJ-00342457
P0881			230.png	UMCDOJ-00342458
P0882			Email Thread of 05/02/2018 regarding Invitation: Dinner Party (May 3 PM 06:20 ZE8 in 晶英酒店 (2F 晶英廳 烤鴨宴))	UMCDOJ-00352144
			Attachment: ecblank.gif	UMCDOJ-00352146
			Attachment: pic00896.gif	UMCDOJ-00352147
			Attachment: Untitled attachment 00725.htm	UMCDOJ-00352148
			Attachment: c153340.ics	UMCDOJ-00352149
P0882T			Email Thread of 05/02/2018 regarding Invitation: Dinner Party (May 3 PM 06:20 ZE8 in 晶英酒店 (2F 晶英廳 烤鴨宴))	UMCDOJ-00352144
			Attachment: ecblank.gif	UMCDOJ-00352146
			Attachment: pic00896.gif	UMCDOJ-00352147
			Attachment: Untitled attachment 00725.htm	UMCDOJ-00352148
			Translation of Attachment: c153340.ics	UMCDOJ-00352149_HT-00001
P0883			Email Thread regarding Re: PM3/ JHICC marketing communication meeting (4/26 星期四, PM 1:00`2:00, R104)	UMCDOJ-00361570
			Attachment: 20180410_Part number naming.pptx	UMCDOJ-00361572
			Attachment: 20180419 Company Profile.pdf	UMCDOJ-00361581
P0884			Email Thread regarding PM3/ JHICC marketing communication meeeting (12/25, PM 2:00`3:00, R104)	UMCDOJ-00361872
			Attachment: 中国消费类DRAM市场.pptx	UMCDOJ-00361873
			Attachment: 20171219 4Gb DDR4 Market Assessment.pptx	UMCDOJ-00361887
			Attachment: 1.xlsx	UMCDOJ-00361894
P0885			Email Thread regarding [ Reschedule ]: PM3/ JHICC marketing communication meeting (12/05,Tuesday, PM 4:00`5:00, R109)	UMCDOJ-00361906
			Attachment: T5377s_T5833_T5833J Benchmark.pptx	UMCDOJ-00361907
			Attachment: 20171109_PC DRAM Product Mix Analysis_Update_1.pptx	UMCDOJ-00361908
			Attachment: 1.xlsx	UMCDOJ-00361923
			Attachment: 2.xlsx	UMCDOJ-00361924
P0886			Email Thread regarding PM3/ JHICC marketing communication meeeting (11/30, AM 11:00`12:00, R109)	UMCDOJ-00362002
			Attachment: T5377s_T5833_T5833J Benchmark.pptx	UMCDOJ-00362003
			Attachment: 20171109_DRAM Product Mix Analysis_Update.pptx	UMCDOJ-00362004
			Attachment: 1.xlsx	UMCDOJ-00362017
			Attachment: 2.xlsx	UMCDOJ-00362018
P0887			Email Thread of 11/17/2015 regarding DRAM BEOL flow	UMCDOJ-00366278
			Attachment: BEOL flow-benchmark S company.xlsx	UMCDOJ-00366279
P0888			Email Thread of 11/18/2015 regarding Re: Fw: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00366284
P0888T			Translation of Email Thread of 11/18/2015 regarding Re: Fw: NB規格&報價 for ProjectX的新進同仁	UMCDOJ-00366284_HT-00001
P0889			Email Thread of 11/20/2015 regarding Japan trip	UMCDOJ-00366316
P0889T			Translation of Email Thread of 11/20/2015 regarding Japan trip	UMCDOJ-00366316_HT-00001
P0890			Email Thread of 11/25/2015 regarding DRAM node naming vs. Dimension	UMCDOJ-00366415
			Attachment: picture1.gif	UMCDOJ-00366416

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0891			Email Thread of 11/25/2015 regarding Re: DRAM node naming vs. Dimension	UMCDOJ-00366417
			Attachment: picture1.gif	UMCDOJ-00366418
P0892			Email Thread of 11/27/2015 regarding DRAM project discussion with 鄒世芳	UMCDOJ-00366445
P0893			Email Thread of 11/27/2015 regarding DRAM project discussion with 鄒世芳	UMCDOJ-00366446
P0894			Email Thread of 12/04/2015 regarding Process Step Naming	UMCDOJ-00366462
			Attachment: UMC step naming.xlsx	UMCDOJ-00366463
P0895			Email Thread of 12/18/2015 regarding Project M discussion	UMCDOJ-00366508
P0896			Email Thread of 12/24/2015 regarding Re: Project M process concept discussion 20151224	UMCDOJ-00366538
			Attachment: Key process development discussion-Project M-20151224.pptx	UMCDOJ-00366540
P0896T			Email Thread of 12/24/2015 regarding Re: Project M process concept discussion 20151224	UMCDOJ-00366538
			Translation of Attachment: Key process development discussion-Project M-20151224.pptx	UMCDOJ-00366540_HT-00001
P0897			Email Thread of 12/25/2015 regarding Project M discussion	UMCDOJ-00366557
P0898			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00366563
			Attachment: Milestone20151228.pptx	UMCDOJ-00366565
P0898T			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00366563
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00366565_HT-00001
P0899			Email Thread of 01/14/2016 regarding Re: 今天下午不用開會, 明天(1/15)早上9:00要開 (revisit follow-ups during process flow discussion) --- subject only	UMCDOJ-00366614
			Attachment: Project M next item follow up report after flow discussion -20160114.pptx	UMCDOJ-00366616
			Attachment: 1.xlsx	UMCDOJ-00366620
P0900			Email Thread of 03/25/2016 regarding 通知您貴部門將有新進同仁 王永銘 報到	UMCDOJ-00367476
P0900T			Translation of Email Thread of 03/25/2016 regarding 通知您貴部門將有新進同仁 王永銘 報到	UMCDOJ-00367476_HT-00001
P0901			Email Thread of 04/18/2016 regarding DRAM technology roadmap	UMCDOJ-00368093
			Attachment: DRAM RnD Technology Roadmap-20160218.pptx	UMCDOJ-00368094
			Attachment: BitLine STR (Cb reduction) roadmap-jt.pptx	UMCDOJ-00368095
P0902			Email Thread of 04/19/2016 regarding Re: Welcome party on Apr. 20th	UMCDOJ-00368168
			Attachment: 何建廷 personal profile-0420.pptx	UMCDOJ-00368170
P0902T			Email Thread of 04/19/2016 regarding Re: Welcome party on Apr. 20th	UMCDOJ-00368168
			Translation of Attachment: 何建廷 personal profile-0420.pptx	UMCDOJ-00368170_HT-00001
P0903			Email Thread of 05/19/2016 regarding [Dear 鄒sir & 建廷] Crown wet information	UMCDOJ-00368322
P0903T			Translation of Email Thread of 05/19/2016 regarding [Dear 鄒sir & 建廷] Crown wet information	UMCDOJ-00368322_HT-00001
P0904			Email Thread of 04/22/2016 regarding RE: Kiyo Series platform	UMCDOJ-00368383
			Attachment: DPT comparison.pptx	UMCDOJ-00368386
P0905			Email Thread of 06/23/2016 regarding IT 公告: 【 OA 電腦保管人確認通知2016/H1 】	UMCDOJ-00370167
P0905T			Translation of Email Thread of 06/23/2016 regarding IT 公告: 【 OA 電腦保管人確認通知2016/H1 】	UMCDOJ-00370167_HT-00001



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0906			Email Thread of 08/24/2016 regarding DRAM Chip size comparison	UMCDOJ-00372199
			Attachment: picture1.gif	UMCDOJ-00372200
P0907			Email Thread of 12/21/2016 regarding IT 公告: 【 OA 電腦保管人確認通知2016/H2 】	UMCDOJ-00373900
P0907T			Translation of Email Thread of 12/21/2016 regarding IT 公告: 【 OA 電腦保管人確認通知2016/H2 】	UMCDOJ-00373900_HT-00001
P0908			Email Thread of 06/23/2017 regarding IT 公告: 【 OA 電腦保管人確認通知2017/H1 】	UMCDOJ-00380512
P0908T			Translation of Email Thread of 06/23/2017 regarding IT 公告: 【 OA 電腦保管人確認通知2017/H1 】	UMCDOJ-00380512_HT-00001
P0909			Email Thread regarding Re: DRAM BEOL flow	UMCDOJ-00381614
P0910			Email Thread of 12/21/2018 regarding Fw: 同型號Notebook 外觀照片	UMCDOJ-00397867
			Attachment: IMG_2020.JPG	UMCDOJ-00397868
			Attachment: IMG_2018.JPG	UMCDOJ-00397869
			Attachment: IMG_2017.JPG	UMCDOJ-00397870
			Attachment: IMG_2016.JPG	UMCDOJ-00397871
			Attachment: IMG_2022.JPG	UMCDOJ-00397872
P0910T			Translation of Email Thread of 12/21/2018 regarding Fw: 同型號Notebook 外觀照片	UMCDOJ-00397867_HT-00001
			Attachment: IMG_2020.JPG	UMCDOJ-00397868
			Attachment: IMG_2018.JPG	UMCDOJ-00397869
			Attachment: IMG_2017.JPG	UMCDOJ-00397870
			Attachment: IMG_2016.JPG	UMCDOJ-00397871
			Attachment: IMG_2022.JPG	UMCDOJ-00397872
P0911			Email Thread of 11/15/2016 regarding test-2	UMCDOJ-00409077
			Attachment: Wafer Acceptance Test(WAT)_20120517.ppt	UMCDOJ-00409078
			Attachment: Wafer Acceptance Test.ppt	UMCDOJ-00409172
P0912			Email Thread of 05/30/2016 regarding test	UMCDOJ-00410388
			Attachment: A271-0657_SPA振りTr.特性New.ppt	UMCDOJ-00410389
			Attachment: 1.bmp	UMCDOJ-00410399
			Attachment: 1GC酸化振りTr特性.ppt	UMCDOJ-00410400
			Attachment: 1.bmp	UMCDOJ-00410422
P0913			Email Thread of 05/18/2016 regarding weekly report	UMCDOJ-00410566
			Attachment: [Imp 深度表] SRIM-Rp_IMP.xls	UMCDOJ-00410567
			Attachment: weekly report.xlsx	UMCDOJ-00410568
P0914			Email Thread of 09/23/2016 regarding Test Scheme M comp.	UMCDOJ-00411064
			Attachment: picture1.gif	UMCDOJ-00411065
P0915			Email Thread of 08/24/2016 regarding DRAM Chip size comparison	UMCDOJ-00412561
			Attachment: picture1.gif	UMCDOJ-00412562
P0916			Email Thread of 05/11/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00413782
			Attachment: picture1.gif	UMCDOJ-00413790
			Attachment: picture2.gif	UMCDOJ-00413791
			Attachment: picture3.gif	UMCDOJ-00413792
			Attachment: picture4.gif	UMCDOJ-00413793
P0917			Email Thread of 05/12/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00413919
			Attachment: picture1.gif	UMCDOJ-00413930
			Attachment: picture2.gif	UMCDOJ-00413931
			Attachment: picture3.gif	UMCDOJ-00413932
			Attachment: picture4.gif	UMCDOJ-00413933
			Attachment: picture5.gif	UMCDOJ-00413934

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0918			Email Thread of 05/12/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00413952
			Attachment: picture1.gif	UMCDOJ-00413964
			Attachment: picture2.gif	UMCDOJ-00413965
			Attachment: picture3.gif	UMCDOJ-00413966
			Attachment: picture4.gif	UMCDOJ-00413967
			Attachment: picture5.gif	UMCDOJ-00413968
P0919			Email Thread of 05/12/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00413969
P0920			Email Thread of 05/13/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00414003
			Attachment: picture1.gif	UMCDOJ-00414017
			Attachment: picture2.gif	UMCDOJ-00414018
			Attachment: picture3.gif	UMCDOJ-00414019
			Attachment: picture4.gif	UMCDOJ-00414020
			Attachment: picture5.gif	UMCDOJ-00414021
			Attachment: picture6.gif	UMCDOJ-00414022
			Attachment: picture7.gif	UMCDOJ-00414023
P0921			Email Thread of 05/17/2016 regarding Re: Fw: [to sir] UMI's feedback	UMCDOJ-00414175
P0922			Email Thread of 05/30/2016 regarding Re: Fw: [to sir] SAN/SNP definition	UMCDOJ-00415598
			Attachment: 651l65lp-m_20160527.xlsx	UMCDOJ-00415613
			Attachment: picture1.gif	UMCDOJ-00415614
			Attachment: picture2.gif	UMCDOJ-00415615
P0923			Email Thread regarding Re: DRAM material	UMCDOJ-00415928
			Attachment: Project M Process Flow @ 0517 2016.pptx	UMCDOJ-00415930
P0924			Project-M Progress Report 201711_v2_sf update.pptx	UMCDOJ-00443490
P0925			Project-M Progress Report 201712_v2.pptx	UMCDOJ-00443520
P0926			AJ88 K59A8 split table_CP lot 20171012_v1.xlsx	UMCDOJ-00450197
P0927			Project M Monthly review status update -neillee 20160302.pptx	UMCDOJ-00480309
P0928			Project M next item follow up report after flow discussion -20160114.xlsx	UMCDOJ-00480324
P0929			NBD mission & focus_2016&2017.pptx	UMCDOJ-00486092
			Attachment: 1.xlsx	UMCDOJ-00486132
			Attachment: 2.xlsx	UMCDOJ-00486133
P0930			UMC step naming 20151103 -鄒世芳.xlsx	UMCDOJ-00489263
P0931			PM1 Annual report for JHICC_Dec_2016.pptx	UMCDOJ-00489319
P0932			Email Thread of 01/11/2016 regarding Re: UMC logic BEOL rule vs. DRAM BEOL rule	UMCDOJ-00492037
			Attachment: picture1.gif	UMCDOJ-00492039
P0933			Email Thread of 01/18/2016 regarding Re: Project M Key Technology Enablers report	UMCDOJ-00492191
			Attachment: Project M Milestone V2_20160118-neillee.pptx	UMCDOJ-00492192
			Attachment: 1.xlsx	UMCDOJ-00492202
			Attachment: Schedule compared 20160118.xlsx	UMCDOJ-00492203
P0934			Email Thread of 12/07/2015 regarding Meeting minutes	UMCDOJ-00493157
P0934T			Translation of Email Thread of 12/07/2015 regarding Meeting minutes	UMCDOJ-00493157_HT-00001
P0935			Email Thread of 12/06/2015 regarding Create process flow for "Project M"	UMCDOJ-00493159
P0936			Email Thread of 12/04/2015 regarding 1st reply for your request	UMCDOJ-00493236
			Attachment: Feedback for pre-lot DMY and Dry Clean.pptx	UMCDOJ-00493237
P0937			Email Thread of 12/23/2015 regarding Meeting minutes 20151223	UMCDOJ-00493457
P0937T			Translation of Email Thread of 12/23/2015 regarding Meeting minutes 20151223	UMCDOJ-00493457_HT-00001
P0938			Email Thread of 12/31/2015 regarding Re: Milestone of Project M	UMCDOJ-00493611

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0939			Email Thread of 03/22/2016 regarding Project M block layout	UMCDOJ-00493613
			Attachment: M-project block layout 20160322.ppt	UMCDOJ-00493616
P0940			Email Thread of 12/29/2015 regarding Re: Milestone (Follow up items of meeting )	UMCDOJ-00493635
			Attachment: Milestone20151228.pptx	UMCDOJ-00493639
			Attachment: picture1.gif	UMCDOJ-00493651
			Attachment: picture2.gif	UMCDOJ-00493652
P0940T			Email Thread of 12/29/2015 regarding Re: Milestone (Follow up items of meeting )	UMCDOJ-00493635
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00493639_HT-00001
			Attachment: picture1.gif	UMCDOJ-00493651
			Attachment: picture2.gif	UMCDOJ-00493652
P0941			Email Thread of 03/23/2016 regarding Fw: Tool Inquiring Form of Project-M	UMCDOJ-00493960
			Attachment: Tools Inquiring Form 20160322_ver3.xlsx	UMCDOJ-00493963
			Attachment: picture1.gif	UMCDOJ-00493964
			Attachment: picture2.gif	UMCDOJ-00493965
P0942			Email Thread of 03/28/2016 regarding M project layout	UMCDOJ-00494019
			Attachment: M-project block layout 20160322(to FIN).ppt	UMCDOJ-00494020
P0943			Email Thread of 05/23/2016 regarding Fw: 晉江領導5/25-28到台參訪行程初步規劃	UMCDOJ-00495611
			Attachment: DRAM Development Progress_SFTzou_0522.pptx	UMCDOJ-00495615
P0943T			Translation of Email Thread of 05/23/2016 regarding Fw: 晉江領導5/25-28到台參訪行程初步規劃	UMCDOJ-00495611_HT-00001
			Translation of Attachment: DRAM Development Progress_SFTzou_0522.pptx	UMCDOJ-00495615_HT-00001
P0944			Email Thread of 12/04/2015 regarding RG HM 這個不知道算不算這個不是我寫的~~感覺好像設備寫的	UMCDOJ-00679422
			Attachment: 25nm RG HM ETCH Half Etch Issue Summary-1.ppt	UMCDOJ-00679423
			Attachment: N2 WLT on S-DRM.pptx	UMCDOJ-00679436
			Attachment: S-DRM DRM Process BKM.pdf	UMCDOJ-00679437
P0944T			Translation of Email Thread of 12/04/2015 regarding RG HM 這個不知道算不算這個不是我寫的~~感覺好像設備寫的	UMCDOJ-00679422_HT-00001
			Attachment: 25nm RG HM ETCH Half Etch Issue Summary-1.ppt	UMCDOJ-00679423
			Attachment: N2 WLT on S-DRM.pptx	UMCDOJ-00679436
			Attachment: S-DRM DRM Process BKM.pdf	UMCDOJ-00679437
P0945			Email Thread of 12/04/2015 regarding Re:1st reply for your request	UMCDOJ-00679470
P0945T			Translation of Email Thread of 12/04/2015 regarding Re:1st reply for your request	UMCDOJ-00679470_HT-00001
P0946			Email Thread of 12/04/2015 regarding 1st reply for your request	UMCDOJ-00679471
			Attachment: Feedback for pre-lot DMY and Dry Clean.pptx	UMCDOJ-00679472
P0947			Email Thread of 11/27/2015 regarding DRAM project discussion with 鄒世芳	UMCDOJ-00680155
P0947T			Translation of Email Thread of 11/27/2015 regarding DRAM project discussion with 鄒世芳	UMCDOJ-00680155_HT-00001
P0948			Email Thread of 11/27/2015 regarding 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-00680160
			Attachment: picture1.gif	UMCDOJ-00680162
P0948T			Translation of Email Thread of 11/27/2015 regarding 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-00680160_HT-00001
			Attachment: picture1.gif	UMCDOJ-00680162

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0949			Email Thread of 11/30/2015 regarding Re: 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-00680163
			Attachment: picture1.gif	UMCDOJ-00680165
P0949T			Translation of Email Thread of 11/30/2015 regarding Re: 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-00680163_HT-00001
			Attachment: picture1.gif	UMCDOJ-00680165
P0950			Email Thread of 12/04/2015 regarding Re: Process Step Naming	UMCDOJ-00680185
			Attachment: UMC step naming.xlsx	UMCDOJ-00680187
P0951			Email Thread of 03/04/2016 regarding Project M monthly update	UMCDOJ-00680649
			Attachment: Project M Monthly review status update -neillee 20160302.pptx	UMCDOJ-00680650
P0952			Email Thread of 04/21/2016 regarding Re: Roadmap modification	UMCDOJ-00681933
			Attachment: DRAM Technology Roadmap_20160420_sftzou.pptx	UMCDOJ-00681934
P0953			Email Thread of 04/28/2016 regarding Common Tool capacity follow up - project M	UMCDOJ-00682902
P0954			Email Thread of 05/20/2016 regarding Re: Common tool capacity - Project M	UMCDOJ-00685119
			Attachment: picture1.gif	UMCDOJ-00685122
P0955			Email Thread of 11/20/2015 regarding RE: Japan trip	UMCDOJ-00838192
P0955T			Translation of Email Thread of 11/20/2015 regarding Japan trip	UMCDOJ-00838192_HT-00001
P0956			Email Thread of 12/24/2015 regarding Re: Project M process concept discussion 20151224	UMCDOJ-00838207
			Attachment: Key process development discussion-Project M-20151224.pptx	UMCDOJ-00838209
P0956T			Email Thread of 12/24/2015 regarding Re: Project M process concept discussion 20151224	UMCDOJ-00838207
			Translation of Attachment: Key process development discussion-Project M-20151224.pptx	UMCDOJ-00838209_HT-00001
P0957			Email Thread of 12/04/2015 regarding Process Step Naming	UMCDOJ-00841253
			Attachment: UMC step naming.xlsx	UMCDOJ-00841254
P0958			Email Thread of 06/06/2016 regarding Working experience	UMCDOJ-00842272
P0959			Email Thread of 07/21/2017 regarding 您好~~ 【2017-H1盤點已結束】未盤資產將列缺失呈報主管, 請務必抽空按一下內文您保管的電腦, TKS	UMCDOJ-00860150
			Attachment: picture1.gif	UMCDOJ-00860151
P0959T			Translation of Email Thread of 07/21/2017 regarding 您好~~ 【2017-H1盤點已結束】未盤資產將列缺失呈報主管, 請務必抽空按一下內文您保管的電腦, TKS	UMCDOJ-00860150_HT-00001
			Attachment: picture1.gif	UMCDOJ-00860151
P0960			Email Thread of 11/30/2017 regarding [ Dear Yan Sir ] One page summary about technical transfer mode comparison	UMCDOJ-00877852
			Attachment: Technique tranfer mode comparison.pptx	UMCDOJ-00877853
			Attachment: picture1.gif	UMCDOJ-00877854
P0961			Email Thread of 07/17/2018 regarding Please check the key-word containing document and response your suggestion----- Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-00895404
			Attachment: D3.xlsx	UMCDOJ-00895409
			Attachment: D3.txt	UMCDOJ-00895410

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0961T			Translation of Email Thread of 07/17/2018 regarding Please check the key-word containing document and response your suggestion----- Fw: (About LM Server !Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-00895404_HT-00001
			Attachment: D3.xlsx	UMCDOJ-00895409
			Attachment: D3.txt	UMCDOJ-00895410
P0962			UMC035551.xlsx	UMCDOJ-00905632
P0962T			Translation of UMC035551.xlsx	UMCDOJ-00905632_HT-00001
P0963			Email Thread of 12/27/2016 regarding 动态随机存储器研发年度报告 (2016.12)	UMCDOJ-00925075
			Attachment: 动态随机存储器研发年度报告 (2016.12).pdf	UMCDOJ-00925076
P0963T			Translation of Email Thread of 12/27/2016 regarding 动态随机存储器研发年度报告 (2016.12)	UMCDOJ-00925075_HT-00001
			Translation of Attachment: 动态随机存储器研发年度报告 (2016.12).pdf	UMCDOJ-00925076_HT-00001
P0964			Email Thread of 02/03/2017 regarding Fw: micron analysts day ppt	UMCDOJ-00927278
			Attachment: Micron Analyst Conference 2017.pdf	UMCDOJ-00927279
P0965			Email Thread of 02/07/2017 regarding status update	UMCDOJ-00927511
P0965T			Translation of Email Thread of 02/07/2017 regarding status update	UMCDOJ-00927511_HT-00001
P0966			Email Thread of 02/08/2017 regarding Re: Fw: NBDO Doclib Library	UMCDOJ-00927551
P0967			Email Thread of 02/08/2017 regarding please check	UMCDOJ-00927585
			Attachment: Presentation 20170209 BoD.pptx	UMCDOJ-00927586
P0967T			Email Thread of 02/08/2017 regarding please check	UMCDOJ-00927585
			Translation of Attachment: Presentation 20170209 BoD.pptx	UMCDOJ-00927586_HT-00001
P0968			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00929231
			Attachment: Milestone20151228.pptx	UMCDOJ-00929234
P0968T			Email Thread of 12/28/2015 regarding Re: Milestone	UMCDOJ-00929231
			Translation of Attachment: Milestone20151228.pptx	UMCDOJ-00929234_HT-00001
P0969			Email Thread of 05/21/2018 regarding F32 Imp. history summary	UMCDOJ-01044893
			Attachment: F32-Implant-hisory_MIRS.xlsx	UMCDOJ-01044894
			Attachment: picture1.gif	UMCDOJ-01044895
P0970			Email Thread of 07/12/2018 regarding implants	UMCDOJ-01049033
			Attachment: change history F32 Implant conditions.xlsx	UMCDOJ-01049034
P0971			Email Thread of 07/12/2018 regarding Re: implants	UMCDOJ-01049096
			Attachment: change history F32 Implant conditions v2.xlsx	UMCDOJ-01049098
			Attachment: A179.xlsx	UMCDOJ-01049099
			Attachment: A795 flow.xlsx	UMCDOJ-01049100
			Attachment: 65nm logic FEOL preocess flow report.pptx	UMCDOJ-01049101
			Attachment: 1.bmp	UMCDOJ-01049162
			Attachment: UMC implant condition.xlsx	UMCDOJ-01049163
			Attachment: L65 flow powerpoint ( Platform ).ppt	UMCDOJ-01049164
			Attachment: 1.bmp	UMCDOJ-01049204
P0972			Email Thread of 01/25/2016 regarding Fw: Dear 協理, 群組名稱已經設定完成z Dept_Project_M, 後續若成員有需要調整再麻煩通知~謝謝(名單如內文)	UMCDOJ-01130168
			Attachment: picture1.gif	UMCDOJ-01130170



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0972T			Translation of Email Thread of 01/25/2016 regarding Fw: Dear 協理, 群組名稱已經設定完成z_Dept_Project_M, 後續若成員有需要調整再麻煩通知~謝謝(名單如內文)	UMCDOJ-01130168_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-01130170_HT-00001
P0973			Email Thread of 02/14/2016 regarding Re: Chairman invite project-M team for lunch (seems to be 春酒)	UMCDOJ-01133552
P0973T			Translation of Email Thread of 02/14/2016 regarding Re: Chairman invite project-M team for lunch (seems to be 春酒)	UMCDOJ-01133552_HT-00001
P0974			Email Thread of 02/19/2016 regarding Re: MTD organization	UMCDOJ-01134387
P0975			Email Thread of 03/09/2016 regarding Fw: Weekly meeting with Stephen	UMCDOJ-01135626
P0976			Email Thread of 03/10/2016 regarding Re: Weekly meeting with Stephen - rescheduled to 2pm-3pm, every Wednesday	UMCDOJ-01135776
P0977			Email Thread of 03/14/2016 regarding Manpower estimation for Y2016	UMCDOJ-01135885
			Attachment: New Business organization & manpower_201603.xlsx	UMCDOJ-01135886
P0978			Email Thread of 03/17/2016 regarding Re: Qualification criteria for headhunting targets	UMCDOJ-01136046
P0979			Email Thread of 03/18/2016 regarding Fw: Qualification criteria for headhunting targets	UMCDOJ-01136170
			Attachment: BL Module.doc	UMCDOJ-01136173
			Attachment: Etch Module.doc	UMCDOJ-01136174
			Attachment: JD_capacitor loop.doc	UMCDOJ-01136175
			Attachment: JD_cell device.doc	UMCDOJ-01136176
			Attachment: SC Module.doc	UMCDOJ-01136177
			Attachment: SN Module.doc	UMCDOJ-01136178
			Attachment: SOD Module.doc	UMCDOJ-01136179
P0980			Attachment: Wet Module.doc	UMCDOJ-01136180
			Email Thread of 04/11/2016 regarding One Candidate (Device also Integ. member) 4/11	UMCDOJ-01137730
			Attachment: Steven 履歷表.doc	UMCDOJ-01137731
P0981			Attachment: Steven Resume.docx	UMCDOJ-01137733
			Email Thread of 04/20/2016 regarding Document for ESMT DRAM 3x2 2x3	UMCDOJ-01138529
P0982			Attachment: DRAM Cell Structure 2x3 3x2.pptx	UMCDOJ-01138530
			Email Thread of 07/19/2016 regarding NBD Mission & Focus in Y2016 and 2017	UMCDOJ-01142025
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-01142026
			Attachment: 1.xlsx	UMCDOJ-01142066
P0983			Attachment: 2.xlsx	UMCDOJ-01142067
			Email Thread of 07/20/2016 regarding Jinhua website	UMCDOJ-01142154
P0984			Email Thread of 11/02/2016 regarding Ultramemory Profile	UMCDOJ-01146535
			Attachment: Ultramemory Profile.pptx	UMCDOJ-01146536

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0985			Email Thread of 03/15/2017 regarding <to Jung sir> F32 Tvo TLR revision history	UMCDOJ-01149830
			Attachment: G-RTP-DRAM32N-1P3M-TLR-Ver0_1P4(draft).doc	UMCDOJ-01149831
			Attachment: 01.vsd	UMCDOJ-01149920
			Attachment: 02.vsd	UMCDOJ-01149921
			Attachment: 03.vsd	UMCDOJ-01149922
			Attachment: 04.vsd	UMCDOJ-01149923
			Attachment: 05.vsd	UMCDOJ-01149924
			Attachment: 06.vsd	UMCDOJ-01149925
			Attachment: 07.vsd	UMCDOJ-01149926
			Attachment: 08.vsd	UMCDOJ-01149927
			Attachment: 09.vsd	UMCDOJ-01149928
			Attachment: 10.vsd	UMCDOJ-01149929
			Attachment: 11.vsd	UMCDOJ-01149930
			Attachment: 12.vsd	UMCDOJ-01149931
			Attachment: 13.vsd	UMCDOJ-01149932
			Attachment: 14.vsd	UMCDOJ-01149933
			Attachment: 15.vsd	UMCDOJ-01149934
			Attachment: 16.vsd	UMCDOJ-01149935
			Attachment: 17.vsd	UMCDOJ-01149936
			Attachment: 18.vsd	UMCDOJ-01149937
			Attachment: 19.vsd	UMCDOJ-01149938
			Attachment: 20.vsd	UMCDOJ-01149939
			Attachment: 21.vsd	UMCDOJ-01149940
			Attachment: 22.vsd	UMCDOJ-01149941
			Attachment: 23.vsd	UMCDOJ-01149942
			Attachment: 24.vsd	UMCDOJ-01149943
			Attachment: 25.vsd	UMCDOJ-01149944
			Attachment: 26.vsd	UMCDOJ-01149945
P0986			Email Thread of 03/20/2017 regarding Re: Fw: Key words and volunteers	UMCDOJ-01150361
			Attachment: keyword.xlsx	UMCDOJ-01150364
P0986T			Translation of Email Thread of 03/20/2017 regarding Re: Fw: Key words and volunteers	UMCDOJ-01150361_HT-00001
			Attachment: keyword.xlsx	UMCDOJ-01150364
P0987			Email Thread of 05/11/2017 regarding Please reference: PM 執行 Keyword Scan List Summary (補充幾位資料已經完成)	UMCDOJ-01158555
P0987T			Translation of Email Thread of 05/11/2017 regarding Please reference: PM 執行 Keyword Scan List Summary (補充幾位資料已經完成)	UMCDOJ-01158555_HT-00001
P0988			Email Thread of 09/13/2017 regarding Re: Ultramemory 文件分發記錄	UMCDOJ-01171445
			Attachment: 2017.09.13 Ultramemory 文件分發記錄 from TDS.xlsx	UMCDOJ-01171452
P0988T			Translation of Email Thread of 09/13/2017 regarding Re: Ultramemory 文件分發記錄	UMCDOJ-01171445_HT-00001
			Attachment: 2017.09.13 Ultramemory 文件分發記錄 from TDS.xlsx	UMCDOJ-01171452
P0989			Email Thread of 01/16/2018 regarding F32 implant condition history & UMC DRAM TLR	UMCDOJ-01183121
			Attachment: F32-Implant-hisory.xlsx	UMCDOJ-01183122
			Attachment: F32-Implant-hisory.pptx	UMCDOJ-01183123
			Attachment: G-03-DRAM15-2.8V_3.3V-5P2M-TLR-Ver.0.3 obsoleted_P1.pdf	UMCDOJ-01183126
			Attachment: picture1.gif	UMCDOJ-01183162

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P0990			Email Thread of 07/16/2018 regarding Re: Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-01188539
P0990T			Translation of Email Thread of 07/16/2018 regarding Re: Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-01188539_HT-00001
P0991			Email Thread of 07/17/2018 regarding Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-01188645
			Attachment: D3.xlsx	UMCDOJ-01188650
			Attachment: D3.txt	UMCDOJ-01188651
P0991T			Translation of Email Thread of 07/17/2018 regarding Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-01188645_HT-00001
			Attachment: D3.xlsx	UMCDOJ-01188650
			Attachment: D3.txt	UMCDOJ-01188651
P0992			Email Thread of 07/17/2018 regarding Re: Fw: (About LM Server !)Fw: Please help PM to scan the server! Fw: Key words and volunteers	UMCDOJ-01188693
			Attachment: D3 screen.xlsx	UMCDOJ-01188699
P0993			Email Thread of 12/21/2018 regarding Fw: 同型號Notebook 外觀照片	UMCDOJ-01198376
			Attachment: IMG_2020.JPG	UMCDOJ-01198377
			Attachment: IMG_2018.JPG	UMCDOJ-01198378
			Attachment: IMG_2017.JPG	UMCDOJ-01198379
			Attachment: IMG_2016.JPG	UMCDOJ-01198380
			Attachment: IMG_2022.JPG	UMCDOJ-01198381
P0993T			Translation of Email Thread of 12/21/2018 regarding Fw: 同型號Notebook 外觀照片	UMCDOJ-01198376_HT-00001
			Attachment: IMG_2020.JPG	UMCDOJ-01198377
			Attachment: IMG_2018.JPG	UMCDOJ-01198378
			Attachment: IMG_2017.JPG	UMCDOJ-01198379
			Attachment: IMG_2016.JPG	UMCDOJ-01198380
			Attachment: IMG_2022.JPG	UMCDOJ-01198381
P0994			Email Thread of 12/21/2018 regarding Re: 同型號Notebook 外觀照片	UMCDOJ-01198403
P0994T			Translation of Email Thread of 12/21/2018 regarding Re: 同型號Notebook 外觀照片	UMCDOJ-01198403_HT-00001
P0995			Email Thread of 03/18/2016 regarding Re: Qualification criteria for headhunting targets	UMCDOJ-01201201
			Attachment: SN Module_ver2.doc	UMCDOJ-01201205
			Attachment: SC Module_ver2.doc	UMCDOJ-01201206
			Attachment: SOD Module_ver2.doc	UMCDOJ-01201207
			Attachment: Wet Module_ver2.doc	UMCDOJ-01201208
			Attachment: BL Module_ver2.doc	UMCDOJ-01201210
			Attachment: Etch Module_ver2.doc	UMCDOJ-01201212
P0996			Email Thread of 03/21/2016 regarding tool spec. for project M	UMCDOJ-01201226
P0997			Email Thread of 05/18/2016 regarding <to Nagai san, T.Y>Fw: DRAM Fuse layout	UMCDOJ-01455816
			Attachment: DRAM Fuse UMI Meeting 0511A.pptx	UMCDOJ-01455818
P0998			NBD mission & focus_2016&2017.pptx	UMCDOJ-01680008
			Attachment: 1.xlsx	UMCDOJ-01680048
			Attachment: 2.xlsx	UMCDOJ-01680049
P0999			F32-Implant-hisory.xlsx	UMCDOJ-01680959
P1000			Email Thread of 05/15/2017 regarding CP-2 spilt table update	UMCDOJ-01760105
			Attachment: AJ88 K419S split table_leading lot-2_20170515.xlsx	UMCDOJ-01760106

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1001			Email Thread of 04/07/2017 regarding [Device update] leading lot-1 K36TJ split table	UMCDOJ-01760314
			Attachment: AJ88 K36TJ split table_leading lot-1_20170407v2.xlsx	UMCDOJ-01760315
P1002			Email Thread of 04/14/2017 regarding Device update CP1/CP2 Split Table	UMCDOJ-01760667
			Attachment: AJ88 split table_leading lot-1_20170413v2.xlsx	UMCDOJ-01760668
			Attachment: AJ88 split table_leading lot-2_20170413v2.xlsx	UMCDOJ-01760669
P1003			Email Thread of 05/04/2018 regarding Cancelled: JHICC UPMS Review Meeting (TG~CELLOPEN,BC~BLG)	UMCDOJ-01780550
			Attachment: ecblank.gif	UMCDOJ-01780553
			Attachment: pic04630.gif	UMCDOJ-01780554
			Attachment: Untitled attachment 19163.htm	UMCDOJ-01780555
			Attachment: c143203.ics	UMCDOJ-01780556
P1004			Email Thread of 09/19/2017 regarding Re: CP11 split table	UMCDOJ-01842555
			Attachment: AJ88 K594C split table_CP11 lot 20170918.xlsx	UMCDOJ-01842556
			Attachment: picture1.gif	UMCDOJ-01842557
P1005			Email Thread of 05/18/2018 regarding To MT Sir ---- Your request ((全部彙整在一起))	UMCDOJ-02588607
			Attachment: MT 0518.xlsx	UMCDOJ-02588608
P1006			Email Thread of 11/29/2018 regarding <to 銘德> TLR time record, FYR~	UMCDOJ-02714805
			Attachment: TLR revision 紀錄 20181129_v8.xlsx	UMCDOJ-02714806
P1007			Email Thread of 12/21/2018 regarding Fw: 【重要提醒】請大家今天務必完成 >>請搜尋您的座位是否有筆電(UMC031525), 並至文件內勾選完成進度 ~ 謝謝	UMCDOJ-02718103
			Attachment: IMG_2020.JPG	UMCDOJ-02718105
			Attachment: IMG_2018.JPG	UMCDOJ-02718106
			Attachment: IMG_2017.JPG	UMCDOJ-02718107
			Attachment: IMG_2016.JPG	UMCDOJ-02718108
			Attachment: IMG_2022.JPG	UMCDOJ-02718109
			Attachment: picture1.gif	UMCDOJ-02718110
			Attachment: picture2.gif	UMCDOJ-02718111
P1007T			Translation of Email Thread of 12/21/2018 regarding Fw: 【重要提醒】請大家今天務必完成 >>請搜尋您的座位是否有筆電(UMC031525), 並至文件內勾選完成進度 ~ 謝謝	UMCDOJ-02718103_HT-00001
			Attachment: IMG_2020.JPG	UMCDOJ-02718105
			Attachment: IMG_2018.JPG	UMCDOJ-02718106
			Attachment: IMG_2017.JPG	UMCDOJ-02718107
			Attachment: IMG_2016.JPG	UMCDOJ-02718108
			Attachment: IMG_2022.JPG	UMCDOJ-02718109
			Attachment: picture1.gif	UMCDOJ-02718110
			Attachment: picture2.gif	UMCDOJ-02718111
P1008			Email Thread of 04/25/2016 regarding Move to Project-M status & follow up	UMCDOJ-02883583
P1008T			Translation of Email Thread of 04/25/2016 regarding Move to Project-M status & follow up	UMCDOJ-02883583_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1009			Email Thread of 08/02/2016 regarding Re: Fw: PM2 RD progress file	UMCDOJ-02885463
			Attachment: PM2 RD progress for Tzou sir 0815 meeting_PI2.pptx	UMCDOJ-02885465
			Attachment: PM2 RD progress for Tzou sir 0815 meeting.pptx	UMCDOJ-02885479
			Attachment: picture1.gif	UMCDOJ-02885493
			Attachment: picture2.gif	UMCDOJ-02885494
P1009T			Translation of Email Thread of 08/02/2016 regarding Re: Fw: PM2 RD progress file	UMCDOJ-02885463_HT-00001
			Translation of Attachment: PM2 RD progress for Tzou sir 0815 meeting_PI2.pptx	UMCDOJ-02885465_HT-00001
			Translation of Attachment: PM2 RD progress for Tzou sir 0815 meeting.pptx	UMCDOJ-02885479_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-02885493_HT-00001
			Translation of Attachment: picture2.gif	UMCDOJ-02885494_HT-00001
P1010			JHBoD_20160308.pptx	UMCDOJ-02966294
P1010T			Translation of JHBoD_20160308.pptx	UMCDOJ-02966294_HT-00001
P1011			Presentation 20151019 北京 盛.pptx	UMCDOJ-02966572
P1011T			Translation of Presentation 20151019 北京 盛.pptx	UMCDOJ-02966572_HT-00001
P1012			Presentation 20151218 CQ.pptx	UMCDOJ-02966638
			Attachment: 1.xlsx	UMCDOJ-02966687
			Attachment: 2.xlsx	UMCDOJ-02966688
			Attachment: 3.xlsx	UMCDOJ-02966689
			Attachment: 4.xlsx	UMCDOJ-02966690
P1012T			Translation of Presentation 20151218 CQ.pptx	UMCDOJ-02966638_HT-00001
			Attachment: 1.xlsx	UMCDOJ-02966687
			Attachment: 2.xlsx	UMCDOJ-02966688
			Attachment: 3.xlsx	UMCDOJ-02966689
			Attachment: 4.xlsx	UMCDOJ-02966690
P1013			Presentation 20160104 A CQ.pptx	UMCDOJ-02966691
			Attachment: 1.xlsx	UMCDOJ-02966734
			Attachment: 2.xlsx	UMCDOJ-02966735
			Attachment: 3.xlsx	UMCDOJ-02966736
P1013T			Translation of Presentation 20160104 A CQ.pptx	UMCDOJ-02966691_HT-00001
			Attachment: 1.xlsx	UMCDOJ-02966734
			Attachment: 2.xlsx	UMCDOJ-02966735
			Attachment: 3.xlsx	UMCDOJ-02966736
P1014			Presentation 20160125 JJ B.pptx	UMCDOJ-02966755
			Attachment: 1.xlsx	UMCDOJ-02966772
P1014T			Translation of Presentation 20160125 JJ B.pptx	UMCDOJ-02966755_HT-00001
			Attachment: 1.xlsx	UMCDOJ-02966772
P1015			Presentation 20160131 JJ.pptx	UMCDOJ-02966847
			Attachment: 1.xlsx	UMCDOJ-02966900
			Attachment: 2.xlsx	UMCDOJ-02966901
			Attachment: 3.xlsx	UMCDOJ-02966902



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1015T			Translation of Presentation 20160131 JJ.pptx	UMCDOJ-02966847_HT-00001
			Attachment: 1.xlsx	UMCDOJ-02966900
			Attachment: 2.xlsx	UMCDOJ-02966901
			Attachment: 3.xlsx	UMCDOJ-02966902
P1016			Presentation 20160217 LunchMeeting.pptx	UMCDOJ-02966959
P1016T			Translation of Presentation 20160217 LunchMeeting.pptx	UMCDOJ-02966959_HT-00001
P1017			Presentation 20160420 CEC.pptx	UMCDOJ-02966990
P1017T			Translation of Presentation 20160420 CEC.pptx	UMCDOJ-02966990_HT-00001
P1018			Presentation 20160420 北京 盛.pptx	UMCDOJ-02967006
P1018T			Translation of Presentation 20160420 北京 盛.pptx	UMCDOJ-02967006_HT-00001
P1019			RD Milestone \$\$.xlsx	UMCDOJ-02967175
P1019T			Translation of RD Milestone \$\$.xlsx	UMCDOJ-02967175_HT-00001
P1020			技術合作案Q&A_20160310.docx	UMCDOJ-02967337
			Attachment: 1.xlsx	UMCDOJ-02967342
			Attachment: 2.xlsx	UMCDOJ-02967343
P1020T			Translation of 技術合作案Q&A_20160310.docx	UMCDOJ-02967337_HT-00001
			Attachment: 1.xlsx	UMCDOJ-02967342
			Attachment: 2.xlsx	UMCDOJ-02967343
P1021			海峡两岸存储器生产线建设项目可行性评估报告-18日版.docx	UMCDOJ-02967407
			Attachment: 1.xlsx	UMCDOJ-02967496
			Attachment: 2.xlsx	UMCDOJ-02967497
			Attachment: 3.xlsx	UMCDOJ-02967498
			Attachment: 4.xlsx	UMCDOJ-02967499
P1022			論證參考資料_20151006.pptx	UMCDOJ-02967601
P1022T			Translation of 論證參考資料_20151006.pptx	UMCDOJ-02967601_HT-00001
P1023			DR项目合作框架协议_20160218_晉江.doc	UMCDOJ-02968222
P1023T			Translation of DR项目合作框架协议_20160218_晉江.doc	UMCDOJ-02968222_HT-00001
P1024			Email Thread of 12/27/2016 regarding Re: 回复: 已通知晉華 download document from FTP.	UMCDOJ-03081344
			Attachment: S30C-916122710080.pdf	UMCDOJ-03081347
P1024T			Translation of Email Thread of 12/27/2016 regarding Re: 回复: 已通知晉華 download document from FTP.	UMCDOJ-03081344_HT-00001
			Translation of Attachment: S30C-916122710080.pdf	UMCDOJ-03081347_HT-00001
P1025			Email Thread of 10/16/2016 regarding 关于专用研发设备采购事宜的备忘录-拓维代拟稿	UMCDOJ-03090074
			Attachment: 关于专用研发设备采购事宜的备忘录-拓维代拟稿.docx	UMCDOJ-03090075
P1025T			Translation of Email Thread of 10/16/2016 regarding 关于专用研发设备采购事宜的备忘录-拓维代拟稿	UMCDOJ-03090074_HT-00001
			Translation of Attachment: 关于专用研发设备采购事宜的备忘录-拓维代拟稿.docx	UMCDOJ-03090075_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1026			Email Thread of 09/07/2016 regarding 关于福建省晋华存储器集成电路生产线项目推进工作联席会第一次会议的纪要	UMCDOJ-03093551
			Attachment: 关于福建省晋华存储器集成电路生产线项目推进工作联席会第一次会议的纪要.pdf	UMCDOJ-03093552
P1026T			Translation of Email Thread of 09/07/2016 regarding 关于福建省晋华存储器集成电路生产线项目推进工作联席会第一次会议的纪要	UMCDOJ-03093551_HT-00001
			Translation of Attachment: 关于福建省晋华存储器集成电路生产线项目推进工作联席会第一次会议的纪要.pdf	UMCDOJ-03093552_HT-00001
P1027			Email Thread of 08/29/2016 regarding 转发：晋华项目几大前期报告资料需求情况	UMCDOJ-03094222
			Attachment: image001.png	UMCDOJ-03094224
			Attachment: 晋华前期咨询报告资料需求及收集情况（0824更新）联电顾问.xlsx	UMCDOJ-03094225
P1027T			Translation of Email Thread of 08/29/2016 regarding 转发：晋华项目几大前期报告资料需求情况	UMCDOJ-03094222_HT-00001
			Attachment: image001.png	UMCDOJ-03094224
			Translation of Attachment: 晋华前期咨询报告资料需求及收集情况（0824更新）联电顾问.xlsx	UMCDOJ-03094225_HT-00001
P1028			Email Thread of 07/21/2016 regarding 回复：Fwd: some information for 可研报告	UMCDOJ-03096816
P1028T			Translation of Email Thread of 07/21/2016 regarding 回复：Fwd: some information for 可研报告	UMCDOJ-03096816_HT-00001
P1029			Email Thread of 07/14/2016 regarding 回复：Fwd: some information for 可研报告	UMCDOJ-03097401
			Attachment: More information for Jinhua.docx	UMCDOJ-03097407
P1029T			Translation of Email Thread of 07/14/2016 regarding 回复：Fwd: some information for 可研报告	UMCDOJ-03097401_HT-00001
			Translation of Attachment: More information for Jinhua.docx	UMCDOJ-03097407_HT-00001
P1030			Email Thread of 06/26/2016 regarding 转发：晋华公司第一届第四次董事会通知 3改	UMCDOJ-03098807
			Attachment: 董事会第一届第四次通知3改.docx	UMCDOJ-03098808
P1030T			Translation of Email Thread of 06/26/2016 regarding 转发：晋华公司第一届第四次董事会通知 3改	UMCDOJ-03098807_HT-00001
			Translation of Attachment: 董事会第一届第四次通知3改.docx	UMCDOJ-03098808_HT-00001
P1031			Email Thread of 05/11/2016 regarding 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-03102105
P1031T			Translation of Email Thread of 05/11/2016 regarding 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-03102105_HT-00001
P1032			Email Thread of 05/11/2016 regarding 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-03102106
			Attachment: 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿).docx	UMCDOJ-03102107

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1032T			Translation of Email Thread of 05/11/2016 regarding 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿)	UMCDOJ-03102106_HT-00001
			Translation of Attachment: 20160505晋华公司第一届第三次董事会会议纪要(征求意见稿).docx	UMCDOJ-03102107_HT-00001
P1033			Email Thread of 05/05/2016 regarding 补充: 福建省晋华集成电路有限公司第一届第三次董事会议案	UMCDOJ-03102607
			Attachment: 议案8: 关于国家专项建设基金申报情况以及基金承接投放建议的报告(20160504书面稿)(1).doc	UMCDOJ-03102609
P1033T			Translation of Email Thread of 05/05/2016 regarding 补充: 福建省晋华集成电路有限公司第一届第三次董事会议案	UMCDOJ-03102607_HT-00001
			Translation of Attachment: 议案8: 关于国家专项建设基金申报情况以及基金承接投放建议的报告(20160504书面稿)(1).doc	UMCDOJ-03102609_HT-00001
P1034			Email Thread of 05/04/2016 regarding 福建省晋华集成电路有限公司第一届第三次董事会议案	UMCDOJ-03102691
			Attachment: 快薊萇粹椿棲雁岢醢玲儉懂溼□最假齷桶.doc	UMCDOJ-03102692
			Attachment: 祐偶1□邨馨涉醢輩貌摩脍萇繚磁釭源偶2016爛4竣15□.docx	UMCDOJ-03102694
			Attachment: 祐偶1□□訖涉醢瘍癢-FEIG1050420.ppt	UMCDOJ-03102698
			Attachment: 祐偶2□JHBoD_20160505.pptx	UMCDOJ-03102699
			Attachment: 祐偶3- 1□撰极唉撮拎磁釭裯祐20160414 輩蔬撝胝瞳.docx	UMCDOJ-03102726
			Attachment: 祐偶3-2□撮拎義楷磁釭磁航-20160504.doc	UMCDOJ-03102738
			Attachment: 祐偶4- 1□腦髒聃輩貌摩脍萇繚岢癢鼠伺纂苾奪熿忼□桶卩髒挖□方.xlsx	UMCDOJ-03102754
			Attachment: 祐偶4-2□輩貌鼠伺笙咄惆种奪熿娉儉域楊.docx	UMCDOJ-03102755
			Attachment: 祐偶4-3□輩貌鼠伺苾槍奪熿娉儉域楊.docx	UMCDOJ-03102761
			Attachment: 祐偶5-2□嘈侈苟勦拉域薺杏撰賡.docx	UMCDOJ-03102769
			Attachment: 祐偶5- 1□楊薺嘈侈督咄裯祐卩腦髒輩貌2016爛僅楊薺嘈侈方-20160503.doc	UMCDOJ-03102773
			Attachment: 祐偶7-1□剝潛踪□撰盪.doc	UMCDOJ-03102779
			Attachment: 祐偶7-2□掖縑汜踪□撰盪.docx	UMCDOJ-03102782
			Attachment: 菴玲趣菴□棒雁岢顏晡猓.docx	UMCDOJ-03102783
			Attachment: 祐偶7-3□疹輻腦踪□撰盪.pdf	UMCDOJ-03102785
			Attachment: 菴玲趣菴□棒雁岢顏料哇.docx	UMCDOJ-03102786

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1034T			Translation of Email Thread of 05/04/2016 regarding 福建省晋华集成电路有限公司第一届第三次董事会议案	UMCDOJ-03102691_HT-00001
			Translation of Attachment: 快薊莨粹椿棲雁岢醜玲儉懂溼□最假齷桶.doc	UMCDOJ-03102692_HT-00001
			Translation of Attachment: 祐偶1□卹薊迹醜輩貌摩儉莨繚磁釐源偶2016爛4坡15□.docx	UMCDOJ-03102694_HT-00001
			Translation of Attachment: 祐偶1□□訖迹醜殤凳-FEIG1050420.ppt	UMCDOJ-03102698_HT-00001
			Translation of Attachment: 祐偶2□JHBoD_20160505.pptx	UMCDOJ-03102699_HT-00001
			Translation of Attachment: 祐偶3- 1□撰极喉撮拵磁釐袍祐20160414_輩蔬撝胝瞳.docx	UMCDOJ-03102726_HT-00001
			Translation of Attachment: 祐偶3-2□撮拵羲楷磁釐磁肮- 20160504.doc	UMCDOJ-03102738_HT-00001
			Translation of Attachment: 祐偶4- 1□腦髒叶輩貌摩儉莨繚岢癸鼠伺幕苾奪熒忼□桶卩髒挖□方.xlsx	UMCDOJ-03102754_HT-00001
			Translation of Attachment: 祐偶4- 2□輩貌鼠伺笙咄惆种奪熒娉儉域楊.docx	UMCDOJ-03102755_HT-00001
			Translation of Attachment: 祐偶4- 3□輩貌鼠伺苾檜奪熒娉儉域楊.docx	UMCDOJ-03102761_HT-00001
			Translation of Attachment: 祐偶5-2□嘈侈苟勦玢域薺杏撰廣.docx	UMCDOJ-03102769_HT-00001
			Translation of Attachment: 祐偶5- 1□楊薺嘈侈督咄袍祐卩腦髒輩貌2016爛僅楊薺嘈侈方-20160503.doc	UMCDOJ-03102773_HT-00001
			Translation of Attachment: 祐偶7-1□剝潛蹂□撰盪.doc	UMCDOJ-03102779_HT-00001
			Translation of Attachment: 祐偶7-2□依縑汜蹂□撰盪.docx	UMCDOJ-03102782_HT-00001
			Translation of Attachment: 菴玲趣菴□棒雁岢頗哺猓.docx	UMCDOJ-03102783_HT-00001
			Translation of Attachment: 祐偶7-3□疹輻腦蹂□撰盪.pdf	UMCDOJ-03102785_HT-00001
			Translation of Attachment: 菴玲趣菴□棒雁岢頗料哇.docx	UMCDOJ-03102786_HT-00001
P1035			Email Thread of 04/12/2016 regarding Fw:Re: Fw: 福建晋华项目可研——请补充以下资料	UMCDOJ-03104769
P1035T			Translation of Email Thread of 04/12/2016 regarding Fw:Re: Fw: 福建晋华项目可研——请补充以下资料	UMCDOJ-03104769_HT-00001
P1036			Email Thread of 03/14/2016 regarding 关于晋华公司第一届第二次董事会会议纪要（征求意见稿）（以此份为准）	UMCDOJ-03106734
			Attachment: 20160308晋华公司第一届第二次董事会会议纪要.docx	UMCDOJ-03106735
P1036T			Translation of Email Thread of 03/14/2016 regarding 关于晋华公司第一届第二次董事会会议纪要（征求意见稿）（以此份为准）	UMCDOJ-03106734_HT-00001
			Translation of Attachment: 20160308晋华公司第一届第二次董事会会议纪要.docx	UMCDOJ-03106735_HT-00001
P1037			Email Thread of 03/14/2016 regarding 关于晋华公司第一届第二次董事会会议纪要（征求意见稿）	UMCDOJ-03106739
			Attachment: 20160308晋华公司第一届第二次董事会会议纪要.docx	UMCDOJ-03106740

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1037T			Translation of Email Thread of 03/14/2016 regarding 关于晋华公司第一届第二次董事会会议纪要（征求意见稿）	UMCDOJ-03106739_HT-00001
			Translation of Attachment: 20160308晋华公司第一届第二次董事会会议纪要.docx	UMCDOJ-03106740_HT-00001
P1038			Email Thread of 03/05/2016 regarding 3月8日会议通知	UMCDOJ-03107391
			Attachment: 晋华公司第一届第二次会议安排.docx	UMCDOJ-03107392
P1038T			Translation of Email Thread of 03/05/2016 regarding 3月8日会议通知	UMCDOJ-03107391_HT-00001
			Translation of Attachment: 晋华公司第一届第二次会议安排.docx	UMCDOJ-03107392_HT-00001
P1039			Email Thread of 02/25/2016 regarding 转发: 答复: 福建晋华集成电路存储器生产线项目申请报告（草稿）	UMCDOJ-03108563
			Attachment: image001(4).png	UMCDOJ-03108564
			Attachment: 福建晋华集成电路存储器生产线项目申请报告（草稿） 0225V2.doc	UMCDOJ-03108565
			Attachment: 1.xls	UMCDOJ-03108691
P1039T			Translation of Email Thread of 02/25/2016 regarding 转发: 答复: 福建晋华集成电路存储器生产线项目申请报告（草稿）	UMCDOJ-03108563_HT-00001
			Attachment: image001(4).png	UMCDOJ-03108564
			Translation of Attachment: 福建晋华集成电路存储器生产线项目申请报告（草稿） 0225V2.doc	UMCDOJ-03108565_HT-00001
			Attachment: 1.xls	UMCDOJ-03108691
P1040			Email Thread of 02/22/2016 regarding 晋华公司工作	UMCDOJ-03109236
P1040T			Translation of Email Thread of 02/22/2016 regarding 晋华公司工作	UMCDOJ-03109236_HT-00001
P1041			Email Thread of 02/05/2016 regarding CN-合资企业设立框架协议法律意见-Li	UMCDOJ-03111267
			Attachment: CN-合资企业设立框架协议法律意见-Li.doc	UMCDOJ-03111268
P1041T			Translation of Email Thread of 02/05/2016 regarding CN-合资企业设立框架协议法律意见-Li	UMCDOJ-03111267_HT-00001
			Translation of Attachment: CN-合资企业设立框架协议法律意见-Li.doc	UMCDOJ-03111268_HT-00001
P1042			Email Thread of 01/12/2016 regarding 联电DRAM项目希望进一步了解的问题	UMCDOJ-03115479
P1042T			Translation of Email Thread of 01/12/2016 regarding 联电DRAM项目希望进一步了解的问题	UMCDOJ-03115479_HT-00001
P1043			Email Thread of 10/12/2015 regarding fwd: Constant	UMCDOJ-03127189
P1043T			Translation of Email Thread of 10/12/2015 regarding fwd: Constant	UMCDOJ-03127189_HT-00001
P1044			Email Thread of 10/12/2015 regarding Fwd: Engineering team	UMCDOJ-03127190
			Attachment: Company profile.pdf	UMCDOJ-03127192
			Attachment: 未命名的附件 220143.htm	UMCDOJ-03127193
P1044T			Translation of Email Thread of 10/12/2015 regarding Fwd: Engineering team	UMCDOJ-03127190_HT-00001
			Attachment: Company profile.pdf	UMCDOJ-03127192
			Attachment: 未命名的附件 220143.htm	UMCDOJ-03127193
P1045			Email Thread of 10/06/2015 regarding Fwd: thank you today	UMCDOJ-03127685
P1046			Email Thread of 09/16/2015 regarding Fwd: thank you today	UMCDOJ-03129654
			Attachment: 25 beyond for S_20150913.ppt	UMCDOJ-03129655
			Attachment: 未命名的附件 226992.htm	UMCDOJ-03129659



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1046T			Translation of Email Thread of 09/16/2015 regarding Fwd: thank you today	UMCDOJ-03129654_HT-00001
			Attachment: 25 beyond for S_20150913.ppt	UMCDOJ-03129655
			Attachment: 未命名的附件_226992.htm	UMCDOJ-03129659
P1047			Email Thread of 09/14/2015 regarding Fwd: Second version	UMCDOJ-03129862
			Attachment: Stephen Chen.pptx	UMCDOJ-03129863
			Attachment: 1.xlsx	UMCDOJ-03129870
			Attachment: 未命名的附件_227191.htm	UMCDOJ-03129871
P1047T			Translation of Email Thread of 09/14/2015 regarding Fwd: Second version	UMCDOJ-03129862_HT-00001
			Translation of Attachment: Stephen Chen.pptx	UMCDOJ-03129863_HT-00001
			Attachment: 1.xlsx	UMCDOJ-03129870
			Attachment: 未命名的附件_227191.htm	UMCDOJ-03129871
P1048			Email Thread of 11/27/2017 regarding Re: DRAM	UMCDOJ-03152070
			Attachment: DRAM Project Q&A_20171127.pptx	UMCDOJ-03152072
P1048T			Translation of Email Thread of 11/27/2017 regarding Re: DRAM	UMCDOJ-03152070_HT-00001
			Translation of Attachment: DRAM Project Q&A_20171127.pptx	UMCDOJ-03152072_HT-00001
P1049			Email Thread of 12/12/2017 regarding Re: DRAM Q&A	UMCDOJ-03152086
			Attachment: DRAM Project Q&A_20171127.pptx	UMCDOJ-03152088
P1049T			Translation of Email Thread of 12/12/2017 regarding Re: DRAM Q&A	UMCDOJ-03152086_HT-00001
			Attachment: DRAM Project Q&A_20171127.pptx	UMCDOJ-03152088
P1050			Email Thread of 11/09/2017 regarding Re: DRAM Q&A	UMCDOJ-03177185
P1051			NBD mission & focus_2016&2017.pptx	UMCDOJ-03240500
			Attachment: 1.xlsx	UMCDOJ-03240540
			Attachment: 2.xlsx	UMCDOJ-03240541
P1052			DRAM RnD Technology Roadmap-20160218.pptx	UMCDOJ-03258546
P1053			201610_DRAM Roadmap & Micron 20nm DRAM.pdf	UMCDOJ-03400890
P1054			Email Thread of 04/28/2016 regarding Re: Fw: Material for the Strategy Committee meeting	UMCDOJ-03793576
P1055			Email Thread of 05/08/2017 regarding Report for Board visit --- Fw: 更新版-> 5/17 董事參訪行程安排	UMCDOJ-03860753
			Attachment: DRAM Development Path in UMC_for Board Member.pptx	UMCDOJ-03860755
			Attachment: 1.xls	UMCDOJ-03860799
P1055T			Translation of Email Thread of 05/08/2017 regarding Report for Board visit --- Fw: 更新版-> 5/17 董事參訪行程安排	UMCDOJ-03860753_HT-00001
			Translation of Attachment: DRAM Development Path in UMC_for Board Member.pptx	UMCDOJ-03860755_HT-00001
			Attachment: 1.xls	UMCDOJ-03860799
P1056			Email Thread of 12/18/2015 regarding Re: Cell layout design for Project-M	UMCDOJ-04069684
P1057			Email Thread of 02/29/2016 regarding Fwd: Project-M	UMCDOJ-04086065
P1057T			Translation of Email Thread of 02/29/2016 regarding Fwd: Project-M	UMCDOJ-04086065_HT-00001
P1058			Email Thread of 12/03/2015 regarding Re: Candidates for "Project M"	UMCDOJ-04087154
P1059			Email Thread of 12/03/2015 regarding Re: Candidates for "Project M"	UMCDOJ-04087173
P1060			Email Thread of 12/07/2015 regarding Re: Information security rules for project M	UMCDOJ-04088724

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1061			Email Thread of 12/07/2015 regarding Re: Information security rules for project M	UMCDOJ-04088727
P1062			Email Thread of 12/08/2015 regarding Fw: Process Step Naming	UMCDOJ-04089050
			Attachment: UMC step naming.xlsx	UMCDOJ-04089051
P1063			Email Thread of 03/07/2016 regarding Thank you ---- Fw: [Document Update] General-Purpose Report: DRAM reverse engineering	UMCDOJ-04093370
			Attachment: Peripheral Plane View_SEM.pptx	UMCDOJ-04093374
			Attachment: picture1.gif	UMCDOJ-04093381
			Attachment: picture2.gif	UMCDOJ-04093382
P1064			Email Thread of 04/11/2016 regarding Re: Education & background	UMCDOJ-04097508
			Attachment: 鄒世芳_2016.docx	UMCDOJ-04097510
P1065			Email Thread of 04/18/2016 regarding Re: DRAM technology roadmap	UMCDOJ-04098535
			Attachment: DRAM RnD Technology Roadmap-20160218.pptx	UMCDOJ-04098536
			Attachment: BitLine STR (Cb reduction) roadmap-jt.pptx	UMCDOJ-04098537
P1066			Email Thread of 04/27/2016 regarding Re: Fw: Material for the Strategy Committee meeting	UMCDOJ-04100520
P1067			Email Thread of 05/30/2016 regarding Fw: Project M Report Update	UMCDOJ-04104186
			Attachment: Project M EQ Procurement Strategy & Achievement.pptx	UMCDOJ-04104188
P1068			Email Thread of 07/19/2016 regarding Re: NBD Mission & Focus in Y2016 and 2017	UMCDOJ-04109712
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-04109714
			Attachment: 1.xlsx	UMCDOJ-04109754
			Attachment: 2.xlsx	UMCDOJ-04109755
P1069			Email Thread of 07/19/2016 regarding NBD Mission & Focus in Y2016 and 2017	UMCDOJ-04374393
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-04374394
			Attachment: 1.xlsx	UMCDOJ-04374434
			Attachment: 2.xlsx	UMCDOJ-04374435
P1070			Email Thread of 04/18/2016 regarding DRAM technology roadmap	UMCDOJ-04391861
			Attachment: DRAM RnD Technology Roadmap-20160218.pptx	UMCDOJ-04391862
			Attachment: BitLine STR (Cb reduction) roadmap-jt.pptx	UMCDOJ-04391863
P1071			Email Thread of 05/19/2016 regarding Re: Project M - Furnace price update	UMCDOJ-04402723
			Attachment: Project M - Furnace price update.xlsx	UMCDOJ-04402728
			Attachment: picture1.gif	UMCDOJ-04402729
P1072			Email Thread of 06/08/2016 regarding Re: HK depo update	UMCDOJ-04403111
			Attachment: Project M - HK depo - .pptx	UMCDOJ-04403114
P1073			F32 TV0 BEOL Flow Review-20161201.pptx	UMCDOJ-04433435
P1074			Email Thread of 12/22/2015 regarding about log	UMCDOJ-05241990
P1074T			Translation of Email Thread of 12/22/2015 regarding about log	UMCDOJ-05241990_HT-00001
P1075			Email Thread of 02/05/2018 regarding Fw: Material for ILPA - 2018/02/05	UMCDOJ-05316659
			Attachment: 何建廷NB.pdf	UMCDOJ-05316661
			Attachment: 000046294-UMC035481.jpg	UMCDOJ-05316665
			Attachment: 李甫哲NB.pdf	UMCDOJ-05316666
			Attachment: 00046324-UMC035551.jpg	UMCDOJ-05316669
			Attachment: USB-20170207-FrontView.png	UMCDOJ-05316670
			Attachment: USB-20170207-SN.png	UMCDOJ-05316671

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1075T			Translation of Email Thread of 02/05/2018 regarding Fw: Material for ILPA - 2018/02/05	UMCDOJ-05316659_HT-00001
			Translation of Attachment: 何建廷NB.pdf	UMCDOJ-05316661_HT-00001
			Attachment: 000046294-UMC035481.jpg	UMCDOJ-05316665
			Translation of Attachment: 李甫哲NB.pdf	UMCDOJ-05316666_HT-00001
			Attachment: 00046324-UMC035551.jpg	UMCDOJ-05316669
			Attachment: USB-20170207-FrontView.png	UMCDOJ-05316670
			Attachment: USB-20170207-SN.png	UMCDOJ-05316671
P1076			Email Thread of 05/10/2018 regarding PM1~PM3筆電	UMCDOJ-05376381
			Attachment: PM123_PC_all.xlsx	UMCDOJ-05376382
P1076T			Translation of Email Thread of 05/10/2018 regarding PM1~PM3筆電	UMCDOJ-05376381_HT-00001
			Translation of Attachment: PM123_PC_all.xlsx	UMCDOJ-05376382_HT-00001
P1077			Email Thread of 05/28/2018 regarding File for 5/29 MT daily	UMCDOJ-05377737
			Attachment: USB Usage Analysis and Suggestion.pptx	UMCDOJ-05377738
P1077T			Email Thread of 05/28/2018 regarding File for 5/29 MT daily	UMCDOJ-05377737
			Translation of Attachment: USB Usage Analysis and Suggestion.pptx	UMCDOJ-05377738_HT-00001
P1078			Email Thread of 11/08/2018 regarding Fw: NBDO Access Log	UMCDOJ-05388867
P1079			Email Thread of 12/22/2015 regarding about log	UMCDOJ-05455192
P1079T			Translation of Email Thread of 12/22/2015 regarding about log	UMCDOJ-05455192_HT-00001
P1080			Email Thread of 06/23/2016 regarding 转发: 申請設置(晉華建廠專案)資料庫, 請協助, 詳說明, 謝謝	UMCDOJ-05608190
P1080T			Translation of Email Thread of 06/23/2016 regarding 转发: 申請設置(晉華建廠專案)資料庫, 請協助, 詳說明, 謝謝	UMCDOJ-05608190_HT-00001
P1081			Email Thread of 07/06/2017 regarding (闽国资考评【2017】96号) 福建省人民政府国有资产监督管理委员会关于转发《国务院办公厅关于建立国有企业违规经营投资责任追究制度的意见》的通知.pdf	UMCDOJ-05979342
			Attachment: SQET17070610280_0002.jpg	UMCDOJ-05979343
			Attachment: 闽国资考评【2017】96号 福建省人民政府国有资产监督管理委员会关于转发《国务院办公厅关于建立国有企业违规经营投资责任追究制度的意见》的通知.pdf	UMCDOJ-05979344
P1081T			Translation of Email Thread of 07/06/2017 regarding (闽国资考评【2017】96号) 福建省人民政府国有资产监督管理委员会关于转发《国务院办公厅关于建立国有企业违规经营投资责任追究制度的意见》的通知.pdf	UMCDOJ-05979342_HT-00001
			Translation of Attachment: SQET17070610280_0002.jpg	UMCDOJ-05979343_HT-00001
			Translation of Attachment: 闽国资考评【2017】96号 福建省人民政府国有资产监督管理委员会关于转发《国务院办公厅关于建立国有企业违规经营投资责任追究制度的意见》的通知.pdf	UMCDOJ-05979344_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1082			Email Thread of 06/30/2017 regarding 转发: 晋华项目进展报告 Ver0.7	UMCDOJ-05979694
			Attachment: 晋华项目进展报告 Ver0.7.docx	UMCDOJ-05979695
			Attachment: 晋华项目进展报告 Ver0.7.pdf	UMCDOJ-05979701
P1082T			Translation of Email Thread of 06/30/2017 regarding 转发: 晋华项目进展报告 Ver0.7	UMCDOJ-05979694_HT-00001
			Translation of Attachment: 晋华项目进展报告 Ver0.7.docx	UMCDOJ-05979695_HT-00001
			Translation of Attachment: 晋华项目进展报告 Ver0.7.pdf	UMCDOJ-05979701_HT-00001
P1083			Email Thread of 06/13/2017 regarding 20160701郭峰铭劳动合同扫描件.pdf	UMCDOJ-05980617
			Attachment: 20160701郭峰铭劳动合同扫描件.pdf	UMCDOJ-05980618
			Attachment: 20160701何建廷劳动合同扫描件.pdf	UMCDOJ-05980623
			Attachment: 20160701李甫哲劳动合同扫描件.pdf	UMCDOJ-05980628
P1083T			Translation of Email Thread of 06/13/2017 regarding 20160701郭峰铭劳动合同扫描件.pdf	UMCDOJ-05980617_HT-00001
			Attachment: 20160701郭峰铭劳动合同扫描件.pdf	UMCDOJ-05980618
			Attachment: 20160701何建廷劳动合同扫描件.pdf	UMCDOJ-05980623
			Attachment: 20160701李甫哲劳动合同扫描件.pdf	UMCDOJ-05980628
P1084			Email Thread of 03/24/2017 regarding 回复: 签约金合约20170207.pdf	UMCDOJ-05984263
			Attachment: 服务合约书.pdf	UMCDOJ-05984265
			Attachment: 顾问聘用合同.pdf	UMCDOJ-05984266
			Attachment: 留才金合约20161129-20161201拓维修订稿20170204-法务 - clean.docx	UMCDOJ-05984268
			Attachment: 签约金合约20170213-拓维修订稿-20170213 - clean.docx	UMCDOJ-05984270
P1085			Email Thread of 03/01/2017 regarding 转发: 【2017】收25号 (2017年安全生产责任书) .doc	UMCDOJ-05985564
			Attachment: 【2017】收25号 (2017年安全生产责任书) .doc	UMCDOJ-05985566
P1085T			Translation of Email Thread of 03/01/2017 regarding 转发: 【2017】收25号 (2017年安全生产责任书) .doc	UMCDOJ-05985564_HT-00001
			Translation of Attachment: 【2017】收25号 (2017年安全生产责任书) .doc	UMCDOJ-05985566_HT-00001
P1086			Email Thread of 02/06/2017 regarding 轉發: 动态随机存储器研发月报 (2017.01)	UMCDOJ-05986684
			Attachment: 动态随机存储器研发月报 (2017.01).pdf	UMCDOJ-05986685
P1086T			Translation of Email Thread of 02/06/2017 regarding 轉發: 动态随机存储器研发月报 (2017.01)	UMCDOJ-05986684_HT-00001
			Translation of Attachment: 动态随机存储器研发月报 (2017.01).pdf	UMCDOJ-05986685_HT-00001
P1087			Email Thread of 11/09/2016 regarding 转发: 原物料及三廢產出資料, 請參閱, 謝謝。	UMCDOJ-05989528
			Attachment: 原物料及廢棄物產出資料.docx	UMCDOJ-05989529
P1087T			Translation of Email Thread of 11/09/2016 regarding 转发: 原物料及三廢產出資料, 請參閱, 謝謝。	UMCDOJ-05989528_HT-00001
			Translation of Attachment: 原物料及廢棄物產出資料.docx	UMCDOJ-05989529_HT-00001
P1088			Email Thread of 11/09/2016 regarding Facility Organization_1103116.pptx	UMCDOJ-05989547
			Attachment: Facility Organization_1103116.pptx	UMCDOJ-05989548

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1089			Email Thread of 09/02/2016 regarding 郭峰铭、李甫哲、何建廷劳动合同扫描件	UMCDOJ-05992597
			Attachment: 郭峰铭劳动合同扫描件.pdf	UMCDOJ-05992598
			Attachment: 何建廷劳动合同扫描件.pdf	UMCDOJ-05992603
			Attachment: 李甫哲劳动合同扫描件.pdf	UMCDOJ-05992608
P1089T			Translation of Email Thread of 09/02/2016 regarding 郭峰铭、李甫哲、何建廷劳动合同扫描件	UMCDOJ-05992597_HT-00001
			Translation of Attachment: 郭峰铭劳动合同扫描件.pdf	UMCDOJ-05992598_HT-00001
			Translation of Attachment: 何建廷劳动合同扫描件.pdf	UMCDOJ-05992603_HT-00001
			Translation of Attachment: 李甫哲劳动合同扫描件.pdf	UMCDOJ-05992608_HT-00001
P1090			Email Thread of 07/22/2016 regarding 转发: Re:转发: 转发: 顧問聘用合約	UMCDOJ-05994471
			Attachment: 顧問聘用合同_01-16李甫哲-20160708拓维修订稿.docx	UMCDOJ-05994473
			Attachment: 顧問聘用合同_02-16郭峰銘-20160708拓维修订稿.docx	UMCDOJ-05994478
			Attachment: 顧問聘用合同_03-16何建廷-20160708拓维修订稿.docx	UMCDOJ-05994484
P1090T			Translation of Email Thread of 07/22/2016 regarding 转发: Re:转发: 转发: 顧問聘用合約	UMCDOJ-05994471_HT-00001
			Translation of Attachment: 顧問聘用合同_01-16李甫哲-20160708拓维修订稿.docx	UMCDOJ-05994473_HT-00001
			Attachment: 顧問聘用合同_02-16郭峰銘-20160708拓维修订稿.docx	UMCDOJ-05994478
			Translation of Attachment: 顧問聘用合同_03-16何建廷-20160708拓维修订稿.docx	UMCDOJ-05994484_HT-00001
P1091			Email Thread of 06/13/2016 regarding 14471.msg	UMCDOJ-05995756
P1091T			Translation of Email Thread of 06/13/2016 regarding 14471.msg	UMCDOJ-05995756_HT-00001
P1092			Email Thread of 05/30/2016 regarding About Jinhua logo	UMCDOJ-05996083
			Attachment: image2.JPG	UMCDOJ-05996084
			Attachment: 未命名的附件 36074.txt	UMCDOJ-05996085
			Attachment: image3.JPG	UMCDOJ-05996086
			Attachment: 未命名的附件 36077.txt	UMCDOJ-05996087
			Attachment: image4.JPG	UMCDOJ-05996088
			Attachment: 未命名的附件 36080.txt	UMCDOJ-05996089
			Attachment: image5.JPG	UMCDOJ-05996090
			Attachment: 未命名的附件 36083.txt	UMCDOJ-05996091
			Attachment: image1.JPG	UMCDOJ-05996092
P1093			Attachment: 未命名的附件 36086.txt	UMCDOJ-05996093
			Email Thread of 03/16/2018 regarding <Invitation>JHICC/IBM Dinner Party 3/19(Mon.)@錦霞樓	UMCDOJ-05998494
			Attachment: image001.gif	UMCDOJ-05998496
P1093T			Translation of Email Thread of 03/16/2018 regarding <Invitation>JHICC/IBM Dinner Party 3/19(Mon.)@錦霞樓	UMCDOJ-05998494_HT-00001
			Attachment: image001.gif	UMCDOJ-05998496
P1094			Email Thread of 08/18/2016 regarding Re: 晉江人才政策補貼	UMCDOJ-05999701
P1094T			Translation of Email Thread of 08/18/2016 regarding Re: 晉江人才政策補貼	UMCDOJ-05999701_HT-00001



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1095			Email Thread of 05/03/2016 regarding Re: Fw: Material for 5/5 福州行	UMCDOJ-06000819
			Attachment: 專案團隊介紹_20160503.pptx	UMCDOJ-06000822
			Attachment: 附件.xlsx	UMCDOJ-06000829
P1095T			Translation of Email Thread of 05/03/2016 regarding Re: Fw: Material for 5/5 福州行	UMCDOJ-06000819_HT-00001
			Translation of Attachment: 專案團隊介紹_20160503.pptx	UMCDOJ-06000822_HT-00001
			Translation of Attachment: 附件.xlsx	UMCDOJ-06000829_HT-00001
P1096			Email Thread of 05/17/2016 regarding Re: JH logo & recruiting website	UMCDOJ-06001237
P1097			Email Thread of 04/29/2016 regarding Hunter	UMCDOJ-06001473
P1098			Email Thread of 06/01/2016 regarding Fwd: About Jinhua logo	UMCDOJ-06001588
			Attachment: image2.JPG;x-apple-part-url	UMCDOJ-06001589
			Attachment: image3.JPG;x-apple-part-url	UMCDOJ-06001590
			Attachment: image4.JPG;x-apple-part-url	UMCDOJ-06001591
			Attachment: image5.JPG;x-apple-part-url	UMCDOJ-06001592
			Attachment: image1.JPG;x-apple-part-url	UMCDOJ-06001593
P1099			Email Thread of 06/02/2016 regarding 晉華員工進用	UMCDOJ-06001703
P1099T			Translation of Email Thread of 06/02/2016 regarding 晉華員工進用	UMCDOJ-06001703_HT-00001
P1100			Email Thread of 06/06/2016 regarding Re: 請先用這版和法務討論	UMCDOJ-06001799
			Attachment: 顧問聘任合同附件一.docx	UMCDOJ-06001801
			Attachment: 顧問聘任合同附件二.docx	UMCDOJ-06001802
P1100T			Email Thread of 06/06/2016 regarding Re: 請先用這版和法務討論	UMCDOJ-06001799
			Translation of Attachment: 顧問聘任合同附件一.docx	UMCDOJ-06001801_HT-00001
			Translation of Attachment: 顧問聘任合同附件二.docx	UMCDOJ-06001802_HT-00001
P1101			Email Thread of 06/15/2016 regarding Re: Fw: China Memory Fab groundbreaking - Qualcomm invitation	UMCDOJ-06002221
			Attachment: e-invitation_176x250_B5_eng.pdf	UMCDOJ-06002226
P1102			Email Thread of 06/29/2016 regarding Re: Fw: 晉華可研報告會議紀錄草稿, 請相關人員先過目。有問題或須修正處請再聯絡我。	UMCDOJ-06003003
P1102T			Translation of Email Thread of 06/29/2016 regarding Re: Fw: 晉華可研報告會議紀錄草稿, 請相關人員先過目。有問題或須修正處請再聯絡我。	UMCDOJ-06003003_HT-00001
P1103			Email Thread of 01/11/2017 regarding 晉華組織圖_revised after JH BOD Mt	UMCDOJ-06005162
			Attachment: 晉華組織和主管_新版_20170111.pptx	UMCDOJ-06005163
			Attachment: 1.xlsx	UMCDOJ-06005179
P1103T			Translation of Email Thread of 01/11/2017 regarding 晉華組織圖_revised after JH BOD Mt	UMCDOJ-06005162_HT-00001
			Translation of Attachment: 晉華組織和主管_新版_20170111.pptx	UMCDOJ-06005163_HT-00001
			Attachment: 1.xlsx	UMCDOJ-06005179
P1104			Email Thread of 03/15/2017 regarding 2016 Workshop summary	UMCDOJ-06005515
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-06005516
			Attachment: 1.xlsx	UMCDOJ-06005556
			Attachment: 2.xlsx	UMCDOJ-06005557
P1105			Email Thread of 03/20/2017 regarding China trip	UMCDOJ-06005632

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1106			Email Thread of 09/12/2017 regarding 聘用條件與報到日期	UMCDOJ-06008301
			Attachment: picture1.gif	UMCDOJ-06008302
P1106T			Translation of Email Thread of 09/12/2017 regarding 聘用條件與報到日期	UMCDOJ-06008301_HT-00001
			Attachment: picture1.gif	UMCDOJ-06008302
P1107			Email Thread of 06/28/2016 regarding Re: Hiroshima DRAM R&D	UMCDOJ-06008414
P1107T			Translation of Email Thread of 06/28/2016 regarding Re: Hiroshima DRAM R&D	UMCDOJ-06008414_HT-00001
P1108			Email Thread of 06/28/2016 regarding Re: Hiroshima DRAM R&D	UMCDOJ-06013975
P1109			Email Thread of 07/19/2016 regarding NBD Mission & Focus in Y2016 and 2017	UMCDOJ-06014045
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-06014046
			Attachment: 1.xlsx	UMCDOJ-06014086
			Attachment: 2.xlsx	UMCDOJ-06014087
P1110			Email Thread of 07/22/2016 regarding Y2016&2017 Mission and Focus	UMCDOJ-06015247
			Attachment: NBD mission & focus_2016&2017.pptx	UMCDOJ-06015248
			Attachment: 1.xlsx	UMCDOJ-06015288
			Attachment: 2.xlsx	UMCDOJ-06015289
P1111			Email Thread of 08/01/2016 regarding Re: Fw: file for discussion tonight	UMCDOJ-06015707
			Attachment: 集成电路优秀人才优待提案_0801.pptx	UMCDOJ-06015709
			Attachment: JJ_20160801.pptx	UMCDOJ-06015712
P1111T			Email Thread of 08/01/2016 regarding Re: Fw: file for discussion tonight	UMCDOJ-06015707
			Translation of Attachment: 集成电路优秀人才优待提案_0801.pptx	UMCDOJ-06015709_HT-00001
			Translation of Attachment: JJ_20160801.pptx	UMCDOJ-06015712_HT-00001
P1112			Email Thread of 05/31/2017 regarding Re: Self introduction	UMCDOJ-06110018
			Attachment: Self-Introduction-JZ.pptx	UMCDOJ-06110020
P1113			Email Thread of 05/05/2017 regarding Decontamination of your office computers	UMCDOJ-06126260
			Attachment: Keywords for decontamination.xlsx	UMCDOJ-06126261
P1113T			Translation of Email Thread of 05/05/2017 regarding Decontamination of your office computers	UMCDOJ-06126260_HT-00001
			Translation of Attachment: Keywords for decontamination.xlsx	UMCDOJ-06126261_HT-00001
P1114			Email Thread of 02/05/2021 regarding Monthly Update 8/31/2017	UMCDOJ-06128725
P1115			Email Thread of 02/05/2021 regarding Monthly Update 8/31/2017	UMCDOJ-06128767
P1116			Email Thread of 04/07/2016 regarding Fw: NBD Organization Personnel Announcement	UMCDOJ-06151235
			Attachment: NBD_PM1&PM2 Organization_201604.pptx	UMCDOJ-06151237
P1116T			Translation of Email Thread of 04/07/2016 regarding Fw: NBD Organization Personnel Announcement	UMCDOJ-06151235_HT-00001
			Translation of Attachment: NBD_PM1&PM2 Organization_201604.pptx	UMCDOJ-06151237_HT-00001
P1117			Email Thread of 04/21/2016 regarding NBD manpower	UMCDOJ-06151309
			Attachment: NBD manpower_HR_042016.xlsx	UMCDOJ-06151310
P1118			Email Thread of 03/14/2016 regarding Re: 報告資料	UMCDOJ-06152615
			Attachment: PROJECT-M-6.pptx	UMCDOJ-06152616

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1118T			Translation of Email Thread of 03/14/2016 regarding Re: 報告資料	UMCDOJ-06152615_HT-00001
			Translation of Attachment: PROJECT-M-6.pptx	UMCDOJ-06152616_HT-00001
P1119			Email Thread of 12/22/2015 regarding Fw: HR Contact Window	UMCDOJ-06210089
P1119T			Translation of Email Thread of 12/22/2015 regarding Fw: HR Contact Window	UMCDOJ-06210089_HT-00001
P1120			Email Thread of 04/06/2016 regarding NBD Organization Personnel Announcement	UMCDOJ-06213974
P1120T			Translation of Email Thread of 04/06/2016 regarding NBD Organization Personnel Announcement	UMCDOJ-06213974_HT-00001
P1121			Email Thread of 04/12/2016 regarding Fw: 20160412_NBD人員照片檔	UMCDOJ-06215450
			Attachment: 卓志臣.jpg	UMCDOJ-06215452
			Attachment: 00010865.jpg	UMCDOJ-06215453
			Attachment: 00001128.jpg	UMCDOJ-06215454
			Attachment: 00013257.jpg	UMCDOJ-06215455
			Attachment: 00018200.jpg	UMCDOJ-06215456
			Attachment: 00019192.jpg	UMCDOJ-06215457
			Attachment: 00046324.jpg	UMCDOJ-06215458
			Attachment: 00002686.jpg	UMCDOJ-06215459
			Attachment: 00046294.jpg	UMCDOJ-06215460
			Attachment: 00046478.jpg	UMCDOJ-06215461
			Attachment: 00003342.jpg	UMCDOJ-06215462
			Attachment: picture1.jpeg	UMCDOJ-06215463
P1121T			Translation of Email Thread of 04/12/2016 regarding Fw: 20160412_NBD人員照片檔	UMCDOJ-06215450_HT-00001
			Attachment: Zhuo Zhichen.jpg	UMCDOJ-06215452
P1122			Email Thread of 03/28/2016 regarding Fw: NBD 人力需求狀況	UMCDOJ-06216814
P1122T			Translation of Email Thread of 03/28/2016 regarding Fw: NBD 人力需求狀況	UMCDOJ-06216814_HT-00001
P1123			Email Thread of 04/27/2016 regarding Re: JH RD talent program	UMCDOJ-06219005
			Attachment: 研發人員留任計畫_20160427_sandy.docx	UMCDOJ-06219010
P1124			Email Thread of 04/27/2016 regarding Fw: JH RD talent program	UMCDOJ-06219081
			Attachment: 研發人員留任計畫_20160427_sandy-modified-2.docx	UMCDOJ-06219087
			Attachment: 研發人員留任計畫_20160427_sandy-modified.docx	UMCDOJ-06219090
			Attachment: 研發人員留任計畫_20160427_sandy.docx	UMCDOJ-06219093
P1124T			Translation of Email Thread of 04/27/2016 regarding Fw: JH RD talent program	UMCDOJ-06219081_HT-00001
			Translation of Attachment: 研發人員留任計畫_20160427_sandy-modified-2.docx	UMCDOJ-06219087_HT-00001
			Attachment: 研發人員留任計畫_20160427_sandy-modified.docx	UMCDOJ-06219090
			Attachment: 研發人員留任計畫_20160427_sandy.docx	UMCDOJ-06219093
P1125			Email Thread of 06/03/2016 regarding Fw: 晋华公司劳动合同参考范本（外籍员工）和聘用合同参考范本（外籍员工）	UMCDOJ-06220251
			Attachment: 劳动合同参考范本（外籍员工）.doc	UMCDOJ-06220252
			Attachment: 聘用合同参考范本（外籍员工）.doc	UMCDOJ-06220258

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1125T			Translation of Email Thread of 06/03/2016 regarding Fw: 晋华公司劳动合同参考范本（外籍员工）和聘用合同参考范本（外籍员工）	UMCDOJ-06220251_HT-00001
			Attachment: 劳动合同参考范本（外籍员工）.doc	UMCDOJ-06220252
			Attachment: 聘用合同参考范本（外籍员工）.doc	UMCDOJ-06220258
P1126			Email Thread of 06/06/2016 regarding Fw: 晋华公司劳动合同参考范本（外籍员工）和聘用合同参考范本（外籍员工）	UMCDOJ-06220285
			Attachment: 劳动合同参考范本（外籍员工）.doc	UMCDOJ-06220287
			Attachment: 聘用合同参考范本（外籍员工）.doc	UMCDOJ-06220293
P1126T			Translation of Email Thread of 06/06/2016 regarding Fw: 晋华公司劳动合同参考范本（外籍员工）和聘用合同参考范本（外籍员工）	UMCDOJ-06220285_HT-00001
			Translation of Attachment: 劳动合同参考范本（外籍员工）.doc	UMCDOJ-06220287_HT-00001
			Translation of Attachment: 聘用合同参考范本（外籍员工）.doc	UMCDOJ-06220293_HT-00001
P1127			Email Thread of 03/08/2017 regarding NBD人員聯絡資訊	UMCDOJ-06233834
			Attachment: NBD人員通訊資訊.xlsx	UMCDOJ-06233835
			Attachment: picture1.gif	UMCDOJ-06233836
P1127T			Translation of Email Thread of 03/08/2017 regarding NBD人員聯絡資訊	UMCDOJ-06233834_HT-00001
			Translation of Attachment: NBD人員通訊資訊.xlsx	UMCDOJ-06233835_HT-00001
			Attachment: picture1.gif	UMCDOJ-06233836
P1128			Email Thread of 11/30/2015 regarding Re: 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-06258247
			Attachment: picture1.gif	UMCDOJ-06258249
P1128T			Translation of Email Thread of 11/30/2015 regarding Re: 請電腦重新開機,確認 USB 權限是否生效	UMCDOJ-06258247_HT-00001
			Attachment: picture1.gif	UMCDOJ-06258249
P1129			Email Thread of 11/27/2015 regarding Re: SVP Chen's Personal BiographyFC90AE45EA9359BC48257F0A002540F7	UMCDOJ-06259622
P1130			Email Thread of 11/11/2015 regarding 請幫忙何建廷經理申請USB讀取權限 --電腦編號UMC035481	UMCDOJ-06488181
P1130T			Translation of Email Thread of 11/11/2015 regarding 請幫忙何建廷經理申請USB讀取權限 --電腦編號UMC035481	UMCDOJ-06488181_HT-00001
P1131			Email Thread of 11/11/2015 regarding 請幫忙何建廷經理申請USB讀取權限 -- 電腦編號UMC035481EFE827B3750B370948257EFA002F31A3	UMCDOJ-06488182
P1131T			Translation of Email Thread of 11/11/2015 regarding 請幫忙何建廷經理申請USB讀取權限 -- 電腦編號UMC035481EFE827B3750B370948257EFA002F31A3	UMCDOJ-06488182_HT-00001
P1132			Email Thread of 11/17/2015 regarding about預計 11/19 C&C_Office3/Project_Team報到的主管筆電	UMCDOJ-06488437

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1132T			Translation of Email Thread of 11/17/2015 regarding about預計 11/19 C&C_Office3/Project_Team報到的主管筆電	UMCDOJ-06488437_HT-00001
P1133			Email Thread of 11/18/2015 regarding C&C_Office3/Project_Team有一新進同仁報到, 請先訂購NB	UMCDOJ-06488503
			Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-06488504
			Attachment: picture1.gif	UMCDOJ-06488505
P1133T			Translation of Email Thread of 11/18/2015 regarding C&C_Office3/Project_Team有一新進同仁報到, 請先訂購NB	UMCDOJ-06488503_HT-00001
			Attachment: Asus PU401L筆電報價單-20151028.xls	UMCDOJ-06488504
			Attachment: picture1.gif	UMCDOJ-06488505
P1134			Email Thread of 11/19/2015 regarding 有關今日project_team報到主管事宜~	UMCDOJ-06488563
P1134T			Translation of Email Thread of 11/19/2015 regarding 有關今日project_team報到主管事宜~	UMCDOJ-06488563_HT-00001
P1135			Email Thread of 11/27/2015 regarding Hi定國, 請您協助開放00046324李甫哲NB(UMC035551)USB讀/寫權限, 謝謝。	UMCDOJ-06489159
P1135T			Translation of Email Thread of 11/27/2015 regarding Hi定國, 請您協助開放00046324李甫哲NB(UMC035551)USB讀/寫權限, 謝謝。	UMCDOJ-06489159_HT-00001
P1136			Email Thread of 12/07/2015 regarding 有關主管臨時電腦申請USB開放事宜	UMCDOJ-06489781
P1136T			Translation of Email Thread of 12/07/2015 regarding 有關主管臨時電腦申請USB開放事宜	UMCDOJ-06489781_HT-00001
P1137			Email Thread of 01/28/2016 regarding NB規格	UMCDOJ-06492712
			Attachment: Asus PU401L筆電報價單-20150921.xls	UMCDOJ-06492716
			Attachment: Asus PU401L筆電報價單-20150921.xls	UMCDOJ-06492717
			Attachment: mailos.doc	UMCDOJ-06492718
			Attachment: mailit.doc	UMCDOJ-06492720
			Attachment: picture1.gif	UMCDOJ-06492722
P1137T			Translation of Email Thread of 01/28/2016 regarding NB規格	UMCDOJ-06492712_HT-00001
			Attachment: Asus PU401L筆電報價單-20150921.xls	UMCDOJ-06492716
			Attachment: Asus PU401L筆電報價單-20150921.xls	UMCDOJ-06492717
			Attachment: mailos.doc	UMCDOJ-06492718
			Attachment: mailit.doc	UMCDOJ-06492720
			Attachment: picture1.gif	UMCDOJ-06492722
P1138			Email Thread of 02/03/2016 regarding Dear Louisa, 請問您~Project_Team 新進同仁 郭峰銘 的電腦和桌機有申請了嗎?	UMCDOJ-06492841
			Attachment: picture1.gif	UMCDOJ-06492842
P1138T			Translation of Email Thread of 02/03/2016 regarding Dear Louisa, 請問您~Project_Team 新進同仁 郭峰銘 的電腦和桌機有申請了嗎?	UMCDOJ-06492841_HT-00001
			Translation of Attachment: picture1.gif	UMCDOJ-06492842_HT-00001
P1139			Email Thread of 03/22/2016 regarding Re: business cardD479E313B79574A848257F7E000A3EF4	UMCDOJ-06495262
P1140			Email Thread of 06/28/2016 regarding 【請協助貴部門一級主管進行2016/H1 OA電腦硬體使用普查作業】	UMCDOJ-06502227
P1140T			Translation of Email Thread of 06/28/2016 regarding 【請協助貴部門一級主管進行2016/H1 OA電腦硬體使用普查作業】	UMCDOJ-06502227_HT-00001



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1141			Email Thread of 07/14/2016 regarding 請幫忙所屬VIP 長官電腦協助盤點作業~感恩	UMCDOJ-06503251
P1141T			Translation of Email Thread of 07/14/2016 regarding 請幫忙所屬VIP 長官電腦協助盤點作業~感恩	UMCDOJ-06503251_HT-00001
P1142			Email Thread of 09/26/2016 regarding Re: Fw: Air Product / Mr. Corning Peter 來訪	UMCDOJ-06507622
			Attachment: picture1.gif	UMCDOJ-06507626
P1142T			Translation of Email Thread of 09/26/2016 regarding Re: Fw: Air Product / Mr. Corning Peter 來訪	UMCDOJ-06507622_HT-00001
			Attachment: picture1.gif	UMCDOJ-06507626
P1143			Email Thread of 10/26/2016 regarding Manpower Issue	UMCDOJ-06722513
P1143T			Translation of Email Thread of 10/26/2016 regarding Manpower Issue	UMCDOJ-06722513_HT-00001
P1144			Email Thread of 11/17/2017 regarding Fw: Internal discussion about PI transfer team formation	UMCDOJ-06856208
			Attachment: F32 PI Technology Transfer Proposal 9-26-2017.pptx	UMCDOJ-06856210
P1145			Email Thread of 12/11/2017 regarding SA1注意事項	UMCDOJ-06859678
			Attachment: PM2 F32 Technology Transfer Team-Information Session-20171208.pptx	UMCDOJ-06859680
P1145T			Translation of Email Thread of 12/11/2017 regarding SA1注意事項	UMCDOJ-06859678_HT-00001
			Translation of Attachment: PM2 F32 Technology Transfer Team- Information Session-20171208.pptx	UMCDOJ-06859680_HT-00001
P1146			Public Computers Application Form.pdf	UMCDOJ-06920148
P1146T			Translation of Public Computers Application Form.pdf	UMCDOJ-06920148_HT-00001
P1147			Hard Drive Application Form 1.pdf	UMCDOJ-06920150
P1147T			Translation of Hard Drive Application Form 1.pdf	UMCDOJ-06920150_HT-00001
P1148			Hard Drive Application Form 2.pdf	UMCDOJ-06920153
P1149			Translation for UMCDOJ-0690148 Public Computers Application Form.doc	UMCDOJ-06920156
P1150			Translation for UMCDOJ-06920150 Hard Drive Application Form 1.doc	UMCDOJ-06920159
P1151			Translation for UMCDOJ-06920153 Hard Drive Application Form 2.doc	UMCDOJ-06920165
P1152			UMC035481.xlsx	UMCDOJ-06920170
P1152T			Translation of UMC035481.xlsx	UMCDOJ-06920170_HT-00001
P1153			1041028_13-3會議紀錄_clean.pdf	UMCDOJ-06920171
P1153T			Translation of 1041028_13-3會議紀錄_clean.pdf	UMCDOJ-06920171_HT-00001
P1154			1060222_13-12會議紀錄_clean.pdf	UMCDOJ-06920225
P1154T			Translation of 1060222_13-12會議紀錄_clean.pdf	UMCDOJ-06920225_HT-00001
P1155			1061213_13-17會議紀錄_clean.pdf	UMCDOJ-06920269
P1155T			Translation of 1061213_13-17會議紀錄_clean.pdf	UMCDOJ-06920269_HT-00001
P1156			201712_201811_PM member list.xlsx	UMCDOJ-06920275
P1157			F32 Document Sharing List-2018.xlsx	UMCDOJ-06920276
P1158			R20185365.pdf	UMCDOJ-06920277
P1158T			Translation of R20185365.pdf	UMCDOJ-06920277_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1159			R20185366.pdf	UMCDOJ-06920278
P1159T			Translation of R20185366.pdf	UMCDOJ-06920278_HT-00001
P1160			R20185367.pdf	UMCDOJ-06920279
P1160T			Translation of R20185367.pdf	UMCDOJ-06920279_HT-00001
P1161			R20185368.pdf	UMCDOJ-06920280
P1161T			Translation of R20185368.pdf	UMCDOJ-06920280_HT-00001
P1162			[NBDO Document Library] DRAM F32 Documents Sharing with JHICC .pdf	UMCDOJ-06920283
P1162T			Translation of [NBDO Document Library] DRAM F32 Documents Sharing with JHICC .pdf	UMCDOJ-06920283_HT-00001
P1163			劳动合同_何建廷_08012016.doc	UMCDOJ-06920288
P1163T			Translation of 劳动合同_何建廷_08012016.doc	UMCDOJ-06920288_HT-00001
P1164			劳动合同_李甫哲_08012016.doc	UMCDOJ-06920293
P1164T			Translation of 劳动合同_李甫哲_08012016.doc	UMCDOJ-06920293_HT-00001
P1165			劳动合同_郭峰銘_08012016.doc	UMCDOJ-06920298
P1165T			Translation of 劳动合同_郭峰銘_08012016.doc	UMCDOJ-06920298_HT-00001
P1166			顧問聘用合同_01-16李甫哲-20160708拓维修订稿.docx	UMCDOJ-06920303
P1166T			Translation of 顧問聘用合同_01-16李甫哲-20160708拓维修订稿.docx	UMCDOJ-06920303_HT-00001
P1167			顧問聘用合同_02-16郭峰銘-20160708拓维修订稿.docx	UMCDOJ-06920308
P1167T			Translation of 顧問聘用合同_02-16郭峰銘-20160708拓维修订稿.docx	UMCDOJ-06920308_HT-00001
P1168			Email Thread of 12/04/2015 regarding USB	UMCDOJ-07539152
			Attachment: IST.xlsx	UMCDOJ-07539153
P1168T			Email Thread of 12/04/2015 regarding USB	UMCDOJ-07539152
			Translation of Attachment: IST.xlsx	UMCDOJ-07539153_HT-00001
P1169			Email Thread of 12/04/2015 regarding Fw: USB	UMCDOJ-07539154
			Attachment: IST.xlsx	UMCDOJ-07539155
P1169T			Translation of Email Thread of 12/04/2015 regarding Fw: USB	UMCDOJ-07539154_HT-00001
			Attachment: IST.xlsx	UMCDOJ-07539155
P1170			NBDO Document Library Entry of 01/05/2018 regarding JHICC 技轉-SN - TRACK AND SCANNER	UMCDOJ-07663777
			Attachment: AJ88 PH LAYER TABLE 20180103_V1_Schedule Review.xlsx	UMCDOJ-07663789
P1171			NBDO Document Library Entry of 03/01/2018 regarding F32 Transfer PM2 Monthly Update	UMCDOJ-07670028
			Attachment: PM2 Transfer Monthly Update 03-01-2018.pptx	UMCDOJ-07670029
P1172			NBDO Document Library Entry of 03/12/2018 regarding Record of Feb. /2018 Rule revision meeting	UMCDOJ-07672032
			Attachment: F32 design rule comparison list V2.xlsx	UMCDOJ-07672033

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1173			NBDO Document Library Entry of 05/14/2018 regarding JHICC CP/外包管理 -- 規範文件建立 Control Table	UMCDOJ-07763877
			Attachment: DMS system 3rd Meeting-20180522-QED.pptx	UMCDOJ-07763888
			Attachment: 1.docx	UMCDOJ-07763903
			Attachment: JMW-GB001 封装测试外包厂商管理程序.docx	UMCDOJ-07763910
			Attachment: JMW-GB002 新产品新工艺委外封装导入作业程序 -- v.0 20180326.docx	UMCDOJ-07763920
			Attachment: JMW-GC001--DRAM产品封装外观检查允收标准--ver1.0.docx	UMCDOJ-07763939
			Attachment: JMW-GC002--封装异常标准及通报程序要求规定--ver1.0.docx	UMCDOJ-07763953
			Attachment: JMW-GC003 封装测试外包厂商工艺变更作业规定.docx	UMCDOJ-07763963
			Attachment: JMW-GC004 封装测试外包商提供生产服务要求规定.docx	UMCDOJ-07763977
			Attachment: JMW-GC005--FBGA封装工艺质量要求规定--ver 1.0.docx	UMCDOJ-07763988
			Attachment: JMW-GC006--封装材料使用寿命展延规定--ver1.0.docx	UMCDOJ-07764008
			Attachment: JMW-GC007--产品封装体承载盘外观尺寸标准--ver1.0.docx	UMCDOJ-07764019
			Attachment: JMW-GC008--产品成品包装烘烤规定--ver1.0.docx	UMCDOJ-07764030
			Attachment: JMW-GC010--封装体正面盖印标准--ver1.0.docx	UMCDOJ-07764054
			Attachment: JMW-GC011--封装工艺流程及站点代码定义--ver1.0.docx	UMCDOJ-07764065
			Attachment: JMW-GC016--DDR4 SA1产品封装体基板线路布局及引线键合图--ver1.0.docx	UMCDOJ-07764074

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1173T			NBDO Document Library Entry of 05/14/2018 regarding JHICC CP/外包管理 -- 規範文件建立 Control Table	UMCDOJ-07763877
			Translation of Attachment: DMS system 3rd Meeting-20180522-QED.pptx	UMCDOJ-07763888_HT-00001
			Attachment: 1.docx	UMCDOJ-07763903
			Attachment: JMW-GB001 封装测试外包厂商管理程序.docx	UMCDOJ-07763910
			Attachment: JMW-GB002 新产品新工艺委外封装导入作业程序 -- v.0 20180326.docx	UMCDOJ-07763920
			Attachment: JMW-GC001--DRAM产品封装外观检查允收标准--ver1.0.docx	UMCDOJ-07763939
			Attachment: JMW-GC002--封装异常标准及通报程序要求规定--ver1.0.docx	UMCDOJ-07763953
			Attachment: JMW-GC003 封装测试外包厂商工艺变更作业规定.docx	UMCDOJ-07763963
			Attachment: JMW-GC004 封装测试外包商提供生产服务要求规定.docx	UMCDOJ-07763977
			Attachment: JMW-GC005--FBGA封装工艺质量要求规定--ver1.0.docx	UMCDOJ-07763988
			Attachment: JMW-GC006--封装材料使用寿命展延规定--ver1.0.docx	UMCDOJ-07764008
			Attachment: JMW-GC007--产品封装体承载盘外观尺寸标准--ver1.0.docx	UMCDOJ-07764019
			Attachment: JMW-GC008--产品成品包装烘烤规定--ver1.0.docx	UMCDOJ-07764030
			Attachment: JMW-GC010--封装体正面盖印标准--ver1.0.docx	UMCDOJ-07764054
			Attachment: JMW-GC011--封装工艺流程及站点代码定义--ver1.0.docx	UMCDOJ-07764065
P1174			NBDO Document Library Entry of 09/26/2016 regarding PM2 2017各部門自行編列費用預算彙整表	UMCDOJ-07793073
			Attachment: Functional OPEX Analysis template-PM2(2017).xls	UMCDOJ-07793076
P1174T			NBDO Document Library Entry of 09/26/2016 regarding PM2 2017各部門自行編列費用預算彙整表	UMCDOJ-07793073
			Translation of Attachment: Functional OPEX Analysis template-PM2(2017).xls	UMCDOJ-07793076_HT-00001
P1175			NBDO Document Library Entry of 10/17/2016 regarding 2017 年度部門自行編列預算資料呈簽至預算編列-PM2	UMCDOJ-07794535
			Attachment: 差異分析-PM2(2017).xls	UMCDOJ-07794548
P1175T			NBDO Document Library Entry of 10/17/2016 regarding 2017 年度部門自行編列預算資料呈簽至預算編列-PM2	UMCDOJ-07794535
			Translation of Attachment: 差異分析-PM2(2017).xls	UMCDOJ-07794548_HT-00001
P1176			NBDO Document Library Entry of 10/13/2016 regarding PM2 & PM3 Personnel Resume Platform.Today is dateline,ASAP~~~	UMCDOJ-07827266
			Attachment: 個人介紹(田村勝彦) @ 1020 2016.pptx	UMCDOJ-07827278
			Attachment: 個人介紹(郭峰銘) @ 1014 2016.pptx	UMCDOJ-07827289
P1177			NBDO Document Library Entry of 07/10/2017 regarding F32 Process Introduction (for SVP)	UMCDOJ-07837167
			Attachment: F32 Process Training Material 20170904.pptx	UMCDOJ-07837168
P1177T			NBDO Document Library Entry regarding F32 Process Introduction (for SVP)	UMCDOJ-07837167
			Translation of Attachment: F32 Process Training Material 20170904.pptx	UMCDOJ-07837168_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1178			Invoice_201606.jpg	UMCDOJ-08059344
P1178T			Translation of Invoice_201606.jpg	UMCDOJ-08059344_HT-00001
P1179			Invoice_201607.jpg	UMCDOJ-08059345
P1179T			Translation of Invoice_201607.jpg	UMCDOJ-08059345_HT-00001
P1180			Invoice_201612.jpg	UMCDOJ-08059346
P1180T			Translation of Invoice_201612.jpg	UMCDOJ-08059346_HT-00001
P1181			Invoice_20M_sign_201709.pdf	UMCDOJ-08059347
P1181T			Translation of Invoice_20M_sign_201709.pdf	UMCDOJ-08059347_HT-00001
P1182			Invoice_30M_sign_201705.pdf	UMCDOJ-08059348
P1182T			Translation of Invoice_30M_sign_201705.pdf	UMCDOJ-08059348_HT-00001
P1183			Invoice_30M_sign_201707.pdf	UMCDOJ-08059349
P1183T			Translation of Invoice_30M_sign_201707.pdf	UMCDOJ-08059349_HT-00001
P1184			水單_20160630.pdf	UMCDOJ-08059350
P1184T			Translation of 水單_20160630.pdf	UMCDOJ-08059350_HT-00001
P1185			水單_20160712.pdf	UMCDOJ-08059351
P1186			水單_20170103.pdf	UMCDOJ-08059352
P1187			水單_20170105.pdf	UMCDOJ-08059353
P1188			水單_20170814.pdf	UMCDOJ-08059355
P1189			水單_20171222.pdf	UMCDOJ-08059356
P1190			資安設備管制申請單-何健廷.pdf	UMCDOJ-08059358
P1190T			Translation of 資安設備管制申請單-何健廷.pdf	UMCDOJ-08059358_HT-00001
P1191			資安設備管制申請單-李甫哲.pdf	UMCDOJ-08059360
P1191T			Translation of 資安設備管制申請單-李甫哲.pdf	UMCDOJ-08059360_HT-00001
P1192			F32DRAM製造流程_2017MAR.xlsx	UMCDOJ-08059362
P1193			c2016-0565_Jinhua and UMC contract.pdf	UMCDOJ-08059371
P1193T			Translation of c2016-0565_Jinhua and UMC contract.pdf	UMCDOJ-08059371_HT-00001
P1194			Technology_summary.pdf	UMCDOJTT-00000005
P1194T			Translation of Technology_summary.pdf	UMCDOJTT-00000005_HT-00001
P1195			G-RTP-DRAM32N-1P3M-TLR-Ver0.5-SA_jhicc_AM01JH_only.pdf	UMCDOJTT-00000010
P1196			1. F32 STI FMEA Reveiw_v2.pdf	UMCDOJTT-00000099
P1197			10. SNPAD Loop_20180820.pdf	UMCDOJTT-00000100
P1198			11 F32 TV0 SN loop20180815_V3.pdf	UMCDOJTT-00000101
P1199			12. F32 PMD FMEA.pdf	UMCDOJTT-00000102
P1200			13. F32 TV0 BEOL Flow Review-20180820_v2.pdf	UMCDOJTT-00000103
P1201			2. F32 BWL FMEA.pdf	UMCDOJTT-00000104
P1202			3. F32 TG FMEA_20180820.pdf	UMCDOJTT-00000105
P1203			4. F32 BC FMEA_20180820.pdf	UMCDOJTT-00000106
P1204			5. F32 TV0 Flow FMEA Review (BLG)_20180816.pdf	UMCDOJTT-00000107
P1205			6. F32 SP1 FMEA Reveiw_v2.pdf	UMCDOJTT-00000108
P1206			7. F32 SP2 FMEA Reveiw_v2.pdf	UMCDOJTT-00000109
P1207			8. F32 SC loop Flow FMEA_20180815.pdf	UMCDOJTT-00000110
P1208			9. F32 Peri_CT loop FMEA Review_20180816.pdf	UMCDOJTT-00000111



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1209			Project M Process Flow @ 0922 2016 DRAM  .pptx	UMCDOJTT-00029513
			Attachment: Microsoft Excel Worksheet1.xlsx	UMCDOJTT-00029682
			Attachment: Microsoft PowerPoint 3.pptx	UMCDOJTT-00029683
			Attachment: Microsoft Excel Worksheet2.xlsx	UMCDOJTT-00029688
			Attachment: Microsoft Excel 97-2003 Worksheet1.xls	UMCDOJTT-00029689
P1209T			Translation of Project M Process Flow @ 0922 2016 DRAM  .pptx	UMCDOJTT-00029513_HT-00001
			Attachment: Microsoft Excel Worksheet1.xlsx	UMCDOJTT-00029682
			Attachment: Microsoft PowerPoint 3.pptx	UMCDOJTT-00029683
			Attachment: Microsoft Excel Worksheet2.xlsx	UMCDOJTT-00029688
			Attachment: Microsoft Excel 97-2003 Worksheet1.xls	UMCDOJTT-00029689
P1210			Micron DDR3 to DDR4-internal net download-.pdf	UMCDOJTT-00080306
P1211			ANTIFUSE植入 Y-AS25K250E15T0 UPMS-HIAS.xlsx	UMCDOJTT-00087454
P1212			CELL-IMP 植入 -HIAS AW IMP4 Y-AS15K100E14T0 UPMS. xlsx.xlsx	UMCDOJTT-00087455
P1213			CELL-IMP 植入 -MIP AW IMP3 P20K500E12BT7W23 UPMS.xlsx	UMCDOJTT-00087456
P1214			CELL-IMP 植入-MIB AW IMP1 B100K250E13T0 UPMS.xlsx	UMCDOJTT-00087457
P1215			CELL-IMP 植入-MIB AW IMP2 B180K100E13T0 UPMS.xlsx	UMCDOJTT-00087458
P1216			CELLSC AMO植入-HIGE Y-GE12K300E14T0 .xlsx	UMCDOJTT-00087459
P1217			DN-WELL IMP P900K150E13T7 UPMS.xlsx	UMCDOJTT-00087460
P1218			HVNLDD-AMO 植入-HIGE Y-GE12K300E14T0 UPMS.xlsx	UMCDOJTT-00087461
P1219			HVNLDD-LDD 植入-HIP-Y-P5K800E13T0 UPMS. xlsx.xlsx	UMCDOJTT-00087462
P1220			HVNLDD-PKT 植入-MIB Z-B12K550E13OT20 UPMS.xlsx	UMCDOJTT-00087463
P1221			HVPLDD-AMO植入-HIGE Y-GE12K300E14T0 UPMS.xlsx	UMCDOJTT-00087464
P1222			HVPLDD-LDD2 植入-HIBF-Y-BF8K500E13T0 UPMS. xlsx.xlsx	UMCDOJTT-00087465
P1223			HVPLDD-PKT 植入 1-MIAS Z-AS80K290E13OT20T0 UPMS.xlsx	UMCDOJTT-00087466
P1224			HVPLDD-PKT 植入 2-MIP Z-P28K270E13OT20 UPMS.xlsx	UMCDOJTT-00087467
P1225			LVNLDD-AMO 植入-HIGE Y-GE20K300E14T0 UPMS. xlsx.xlsx	UMCDOJTT-00087468
P1226			LVNLDD-LDD 植入-HIAS UPMS Y-AS5K200E15T0.xlsx	UMCDOJTT-00087469
P1227			LVNLDD-PKT 植入-MIBF Z-BF40K550E13OT20 UPMS.xlsx	UMCDOJTT-00087470
P1228			LVPLDD-LDD AMO植入-HIGE Y-GE12K300E14T0.xlsx	UMCDOJTT-00087471
P1229			LVPLDD-LDD 植入-HIBF-Y-BF4K830E14T0 UPMS. xlsx.xlsx	UMCDOJTT-00087472
P1230			LVPLDD-PKT 植入 1-MIAS Z-AS80K440E13OT20 UPMS.xlsx	UMCDOJTT-00087473
P1231			LVPLDD-PKT 植入 2-MIP Z-P28K270E13OT20 UPMS.xlsx	UMCDOJTT-00087474
P1232			N-WELL 植入 -MIP_N-WELL IMP1 P400K850E12QT3 UPMS.xlsx	UMCDOJTT-00087475
P1233			N-WELL 植入 -MIP_N-WELL IMP2 P180K120E13QT3W22 UPMS.xlsx	UMCDOJTT-00087476
P1234			NPLUS AMO 植入-HIGEY-GE40K500E14T0 UPMS .xlsx	UMCDOJTT-00087477
P1235			NPLUS 植入-HIAS Y-AS20K300E15T0 UPMS.xlsx	UMCDOJTT-00087478
P1236			NPLUS 植入-MIP P22K280E13T0 UPMS.xlsx	UMCDOJTT-00087479
P1237			NPOLY植入-HIP_NGATE IMPY-P3K250E15T0 UPMS. xlsx.xlsx	UMCDOJTT-00087480
P1238			NVT1植入-MIBF BF35K172E13T0 UPMS.xlsx	UMCDOJTT-00087481
P1239			NVT2植入-MIBF BF35K890E12T0 UPMS.xlsx	UMCDOJTT-00087482
P1240			NVT3植入-MIBF BF35K115E13T0 UPMS.xlsx	UMCDOJTT-00087483
P1241			NVTSA植入-MIBF BF35K920E12T0 UPMS.xlsx	UMCDOJTT-00087484
P1242			P+GRADE 植入-HIB Y-B8K500E13T0 UPMS. xlsx.xlsx	UMCDOJTT-00087485
P1243			P-WELL IMP1 B230K120E13QT3W22 UPMS.xlsx	UMCDOJTT-00087486
P1244			P-WELL IMP2 B100K180E13QT3W22 UPMS.xlsx	UMCDOJTT-00087487
P1245			PCONT P+ 植入-MIB Y-B3K120E15T0 UPMS.xlsx	UMCDOJTT-00087488
P1246			PPLUS 植入-HIB Y-B3K240E15T0 UPMS. xlsx.xlsx	UMCDOJTT-00087489
P1247			PPLUS 植入-HIBF-Y-BF10K800E14T0 UPMS. xlsx.xlsx	UMCDOJTT-00087490
P1248			PPLUS-AMO植入-HIGE-GE40K500E14T0 UPMS.xlsx	UMCDOJTT-00087491
P1249			PPPOLY植入-HIB PGATE IMP Y-B1.5K250E15T0 UPMS. xlsx.xlsx	UMCDOJTT-00087492

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1250			SAPLDD-AMO植入-HIGE Y-GE12K300E14T0.xlsx	UMCDOJTT-00087493
P1251			SAPLDD-LDD3 植入-HIBF-Y-BF5K830E14T0 UPMS. xlsx.xlsx	UMCDOJTT-00087494
P1252			SAPLDD-PKT 植入1-MIAS Z-AS80K200E13OT20 UPMS.xlsx	UMCDOJTT-00087495
P1253			SAPLDD-PKT 植入2-MIP Z-P28K120E13OT20 UPMS.xlsx	UMCDOJTT-00087496
P1254			VTP植入 -MIAS_VTP IMPAS70K500E11T0 UPMS.xlsx	UMCDOJTT-00087497
P1255			高藍 BLANKET N 植入-HIP-Y-P7K500E13T0 UPMS. xlsx.xlsx	UMCDOJTT-00087498
P1256			UMCDOJ-00120669-UMCDOJ-00120669	UMC-T-00001326
P1257			UMCDOJ-00120670-UMCDOJ-00120683	UMC-T-00001327
P1258			UMCDOJ-00155374-UMCDOJ-00155374	UMC-T-00001341
P1259			302 S#5 Attachment 5 CONFIDENTIAL [Executive Summary and Key Takeaways]	USD-0000072
P1260			302 S#14 Attachment CONFIDENTIAL (SIA China Research Report)	USD-0000104
P1261			302 S#48 Attachment 3 CONFIDENTIAL [SIA China Memory Update for DOC BIS]	USD-0000268
P1262			302 S#49 Attachment CONFIDENTIAL [redesignated as nonconfidential; now D-0001313-1320]	USD-0000297
P1262T			Translation of 302 S#49 Attachment CONFIDENTIAL [redesignated as nonconfidential; now D-0001313-1320]	USD-0000297_HT-00001
P1263			302 S#52 Attachment CONFIDENTIAL [Local Chines Government Support for the Semiconductor Industry]	USD-0000308
P1264			302 S#80 Attachment 2 [Group Profile]	USD-0000680
P1265			302 S#80 Attachment 4 [Leadership team - Group Profile]	USD-0000687
P1266			302 S#95 Attachment [Fujian Jinhua: Local Player Takes on Micron]	USD-0000699
P1267			Email Thread of 11/01/2016 regarding APTD Overview by Dr Ping	USD-0003747
			Attachment: DRAM and APTD Overview (24 Oct'16) Dr Ping.pdf	USD-0003748
P1268			Email Thread of 10/03/2016 regarding Re: SVP's SCLA Visit - AMAT	USD-0003793
P1269			jhicc cta 20180201.pdf	USD-0003928
P1270			Email Thread of 06/13/2016 regarding RE: UMC Proj M DRAM LOW 6/13/16	USD-0003979
			Attachment: UMC DRAM Project M_Update_0613_V11.pptx	USD-0003980
P1271			Email Thread of 07/26/2016 regarding RE: CASPA: Speech at CASPA Summer Mixer on August 26, 2016 - JinHua	USD-0004003
			Attachment: UMC_ACR_Jul2016_rev4.pptx	USD-0004004
P1272			Email Thread of 08/25/2016 regarding RE: CASPA: Speech at CASPA Summer Mixer on August 26, 2016 - JinHua	USD-0004946
			Attachment: China DRAM.pptx	USD-0004951
P1273			Email Thread of 08/25/2016 regarding RE: CASPA: Speech at CASPA Summer Mixer on August 26, 2016 - JinHua	USD-0004961
			Attachment: China DRAM.pptx	USD-0004966
P1274			Email Thread of 07/26/2016 regarding Re: Keynote speaker in CASPA 8/26/2016	USD-0005454
P1275			Email Thread of 06/02/2016 regarding RE: UMC Project M - Credit	USD-0010035
			Attachment: Letter to UMC re DRAM Project.docx	USD-0010037
P1276			Email Thread of 04/20/2016 regarding [公告 Announcement] 為保護Fab16資料傳輸安全, 即日起將施行新USB管控措施 New USB control method will be effective immediately to protect Fab16 information security for data exchange	USD-0027182
P1277			Email Thread of 08/16/2015 regarding RESUME for (DTT) team JOP_CMOS	USD-0074411
			Attachment: Internal_job_application_international_Kennyw.docx	USD-0074412
P1278			Email Thread of 07/25/2015 regarding Stephen Chen	USD-0125816

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1279			Email Thread of 01/22/2015 regarding RE: Training Material for 1/26 ABAC Case Studies - 商業行為與道德準則	USD-0228280
			Attachment: Micron ?????????(???.pdf	USD-0228287
P1280			Email Thread of 01/09/2015 regarding [Site Director Message] ?????? New organization announcement	USD-0232593
P1281T			Email Thread of 04/25/2016 regarding Farewell! My Friends	USD-0319560
			Translation of Email Thread of 04/25/2016 regarding Farewell! My Friends	USD-0319560_HT-00001
P1282			Email Thread of 10/13/2016 regarding RE: UMC-JHICC Visit Plan on 10/24	USD-0320354
			Attachment: Name list_Jinhua.xlsx	USD-0320357
P1282T			Translation of Email Thread of 10/13/2016 regarding RE: UMC-JHICC Visit Plan on 10/24	USD-0320354_HT-00001
			Translation of Attachment: Name list_Jinhua.xlsx	USD-0320357_HT-00001
P1283			KLA Tencore Slide Presentation Showing Chen and government visitors	USD-0320366
P1283T			Translation of KLA Tencore Slide Presentation Showing Chen and government visitors	USD-0320366_HT-00001
P1284			Email Thread of 10/17/2016 regarding Re: Lam'Research visiting arrangement P04 1 o ft 1	USD-0320494
P1285			Google Response jengting.tw Gmail CONFIDENTIAL	USD-0331456
P1286			Google: Subscriber info for brh5476	USD-0331462
			Attachment: brh5476.AccountInfo	USD-0331465
P1287			MTI00000138.pdf	USD-0347909
P1288			MTI00000142.pdf	USD-0347913
P1289			MTI00000182.pdf	USD-0347933
P1289T			Translation of MTI00000182.pdf	MTI-00000182_HT-00001
P1290			TAB P Code of Conduct Certification Language	USD-0347965; USD-0886260
P1291			TAB J Fab 16 email banning USB drives	USD-0347973; USD-0886242
P1292			TAB B kennyw employment CIPA and termination agreements	USD-0347982; USD-0886096
P1292T			Translation of TAB B kennyw employment CIPA and termination agreements	USD-0347982_HT-00001
P1293			TAB D MMT Work Rules - 12 February 2015 Version (Clean)	USD-0348005; USD-0886156
P1294			TAB C MMT MTT - Bilingual Handbook -10 June 2015 (Clean)	USD-0348035; USD-0886119
P1295			TAB E Micron Code of Conduct	USD-0348071; USD-0886183
P1296			TAB R Protecting-Proprietary-Information-with-Bulletins-Final	USD-0348131; USD-0886266
P1297			MTI00000474.pdf	USD-0348220
P1298			MTI00000486.pdf	USD-0348232
P1299			美國行程_晉華_1020版.xlsx	USD-0348331
P1299T			Translation of 美國行程_晉華_1020版.xlsx	USD-0348331_HT-00001
P1300			'\$RMHVPYF.xlsb	USD-0348422
P1301			228_array_edge.png	USD-0348808
P1302			229.png	USD-0348809

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1303			Exhibit 14	USD-0352571
P1304			Data Transfer Report for Employee Kenny Wang (Name of Wang's Micron laptop computer)_CONFIDENTIAL	USD-0353818
P1305			Pages 680 to 725 of Volume A3 CONFIDENTIAL [302 S#94 Attachment 1, Files from Taiwan]	USD-0353878
P1305T			Translation of Pages 680 to 725 of Volume A3 CONFIDENTIAL [302 S#94 Attachment 1, Files from Taiwan]	USD-0353878_HT-00001
P1306			(1) [302 S#94 Attachment 1, Files from Taiwan]	USD-0353930
P1307			Kenny Wang search history for CC cleaner.	USD-0354572
P1307T			Translation of Kenny Wang search history for CC cleaner.	USD-0354572_HT-00001
P1308			Wang Internet History	USD-0354686
P1309			Kenny Wang DLP Case Report	USD-0354687
P1310			Google certificate for 2703(d) order	USD-0354808
P1311			Google subscriber information for Chen step511016@gmail.com	USD-0354811
P1312			Letter 915032.pdf	USD-0357958
P1313			Email Thread of 03/30/2016 regarding Re: <聯華電子> 報到日期確認	USD-0359577
P1313T			Translation of Email Thread of 03/30/2016 regarding Re: <聯華電子> 報到日期確認	USD-0359577_HT-00001
P1314			Email Thread of 03/30/2016 regarding Re: <聯華電子> 報到日期確認	USD-0359581
P1314T			Translation of Email Thread of 03/30/2016 regarding Re: <聯華電子> 報到日期確認	USD-0359581_HT-00001
P1315			DDR3TOP_D_130208.gds-metadata.txt	USD-0364977
P1316			DRAM_20nm_Process_(V00H)_-_Traveler_Dec2014Update_PDF.pdf-metadata.txt	USD-0403443
P1317			Rexchip 25nm Flow summary_IMP_RTP.xls	USD-0446539
P1318			Rexchip 25nm Flow summary_IMP_RTP 的備份.xlk	USD-0512747
P1319			Re: 3/4 (五) PM @UMC	USD-0561708
			Attachment: 001-103-001.01 Ver.9_kenny.doc	USD-0561709
P1319T			Translation of Email Thread of 03/02/2016 regarding Re: 3/4 (五) PM @UMC	USD-0561708_HT-00001
			Translation of Attachment: 001-103-001.01 Ver.9_kenny.doc	USD-0561709_HT-00001
P1320			G/R(Guard Ring) of SN OVL mark	USD-0568572
			Attachment: Mark Guard Ring TiN Peeling issue.xlsx	USD-0568574
P1320T			Translation of Email Thread of 04/01/2016 regarding G/R(Guard Ring) of SN OVL mark	USD-0568572_HT-00001
			Attachment: Mark Guard Ring TiN Peeling issue.xlsx	USD-0568574
P1321			Email Thread of 06/29/2017 regarding Pre-meeting Material	USD-0663169
			Attachment: RBU UMC JHICC Update .pptx	USD-0663171
			Attachment: Non-Responsive Placeholder	USD-0663172
			Attachment: KT Inspection TRM_Opening .pptx	USD-0663173
P1322			Email Thread of 10/14/2016 regarding UMC/JHICC visit: Materials Prep	USD-0663219
			Attachment: Name list_Jinhua_R02D.xlsx	USD-0663220
P1322T			Translation of Email Thread of 10/14/2016 regarding UMC/JHICC visit: Materials Prep	USD-0663219
			Translation of Attachment: Name list_Jinhua_R02D.xlsx	USD-0663220_HT-00001
P1323			Email Thread of 01/05/2018 regarding JHICC meeting notes	USD-0663510
			Attachment: JHICC Update -105.xlsx	USD-0663511
			Attachment: JHICC- Update to Stephen_105.pptx	USD-0663512

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1324			Email Thread of 08/12/2017 regarding JHICC account update slide	USD-0663831
			Attachment: UMC JHICC update 20170813 Milpitas.pptx	USD-0663832
P1325			Email Thread of 10/11/2016 regarding RE: UMC-JHICC Visit Plan on 10/24	USD-0664168
			Attachment: Name list Jinhua.xlsx	USD-0664170
P1326			Email Thread of 06/23/2017 regarding RE: green sheet of 6/30 TRM with JHICC	USD-0664234
			Attachment: JHICC TRM-Inspection Green Sheet.pptx	USD-0664235
P1327			Email Thread of 10/13/2016 regarding RE: UMC-JHICC Visit Plan on 10/24	USD-0664366
			Attachment: Name List of Jinhua Visitors.xlsx	USD-0664373
P1327T			Translation of Email Thread of 10/13/2016 regarding RE: UMC-JHICC Visit Plan on 10/24	USD-0664366_HT-00001
			Translation of Attachment: Name List of Jinhua Visitors.xlsx	USD-0664373_HT-00001
P1328			Email Thread of 07/06/2017 regarding JHICC & Waferworks account update	USD-0664411
			Attachment: JHICC account update 20170707 R02.pptx	USD-0664412
			Attachment: Non-Responsive Placeholder	USD-0664413
P1329			Email Thread of 07/06/2017 regarding RE: JHICC Inspection TRM -- 6/30	USD-0664414
			Attachment: Why buy CIRCL.pptx	USD-0664422
			Attachment: CIRCL Update UMC Dec2016 handout.pptx	USD-0664423
P1330			Email Thread of 06/30/2017 regarding JHICC Inspection TRM -- 6/30	USD-0664435
P1331			Email Thread of 07/06/2017 regarding FW: payment term for JHICC	USD-0664677
			Attachment: JHICC Account Update.pptx	USD-0664680
P1332			Email Thread of 08/31/2017 regarding JHICC review_V2- Aug 31,2017.pptx	USD-0664979
			Attachment: JHICC review_V2- Aug 31,2017.pptx	USD-0664980
P1333			Email Thread of 01/08/2018 regarding Account Review_LS&SWIFT_20180110_V3.pptx	USD-0665039
			Attachment: Account Review_LS&SWIFT_20180110_V3.pptx	USD-0665040
P1334			Email Thread of 09/18/2017 regarding Mini green sheet ad UMC/JHICC update	USD-0665342
			Attachment: Non-Responsive Placeholder	USD-0665343
			Attachment: Non-Responsive Placeholder	USD-0665344
			Attachment: UMC JHICC account Update and Mini green sheet - EC week_R01.pptx	USD-0665345
P1335			Email Thread of 08/12/2017 regarding JHICC account update slide	USD-0665359
			Attachment: UMC JHICC update 20170813 Milpitas.pptx	USD-0665360
P1336			Email Thread of 12/14/2016 regarding Taiwan memory at China	USD-0665491
			Attachment: Taiwan memory at China_20161214.pptx	USD-0665492
P1337			Email Thread of 11/24/2016 regarding The Latest material for 11/25 meeting	USD-0665554
			Attachment: Taiwan RBU - Rapid- BE Strat P1 V1.pptx	USD-0665555
P1338			Email Thread of 10/24/2016 regarding RE: JHICC	USD-0665629
P1339			Email Thread of 08/29/2017 regarding HLIC, JHICC Account Review and Green Sheet	USD-0666210
			Attachment: Non-Responsive Placeholder	USD-0666211
			Attachment: Non-Responsive Placeholder	USD-0666212
			Attachment: JHICC review_V1- Aug 31,2017.pptx	USD-0666213
P1340			Email Thread of 03/25/2016 regarding UMC DRAM	USD-0667139



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1341			Email Thread of 12/01/2015 regarding UMC update	USD-0667287
			Attachment: UMC CEO meeting.pptx	USD-0667288
P1342			Email Thread of 12/08/2017 regarding RE: JHICC Meeting minutes with Stephen Chen - 12/8	USD-0667654
P1343			Email Thread of 07/07/2018 regarding RE: Taiwan's Technology Secrets Come Under Assault From China - WSJ	USD-0667713
P1344			Email Thread of 10/24/2016 regarding RE: RE: Presenters Prep for UMC/JHICC visit (Oct 24 @ 9AM)	USD-0667827
P1345			Email Thread of 10/20/2016 regarding Presenters Prep for UMC/JHICC visit (Oct 24 @ 9AM)	USD-0667856
			Attachment: KT Customer Update - Oct 2016 UMC-JHICC-v2.pptx	USD-0667857
P1346			Email Thread of 10/19/2016 regarding RE: UMC/JHICC -- Pre-meeting	USD-0667858
			Attachment: KT Customer Update - Oct 2016 UMC-JHICC.pptx	USD-0667860
P1347			Email Thread of 09/21/2016 regarding RE: UMC Sr. VP Stephen Chen visit KT HQ	USD-0667861
P1348			Email Thread of 03/27/2016 regarding UMC China DRAM Project Update	USD-0667865
P1349			Email Thread of 12/03/2017 regarding [EXTERNAL]: 答复: KLA-Tencor Tom/Brian visit JHICC CEO Stephen Chen	USD-0667989
P1350			Email Thread of 09/05/2017 regarding RE: KT tool lead time and individual tool price gap_JHICC DRAM 20K	USD-0668086
P1351			Email Thread of 09/05/2017 regarding KT tool lead time and individual tool price gap_JHICC DRAM 20K	USD-0668150
P1352			Email Thread of 08/24/2016 regarding RE: UMC Memory Meeting	USD-0668530
P1353			Email Thread of 10/19/2016 regarding UMC/JHICC -- Pre-meeting	USD-0668749
P1354			Email Thread of 10/26/2016 regarding UMC/JHICC meeting follow up	USD-0668842
P1355			Email Thread of 09/21/2016 regarding UMC Sr. VP Stephen Chen visit KT HQ	USD-0669031
P1356			Email Thread of 08/24/2016 regarding RE: UMC Memory Meeting	USD-0669032
P1357			Email Thread of 04/12/2018 regarding FW: Must Do List	USD-0669607
			Attachment: Q2CY18 Must DO - Taiwan BU.xlsx	USD-0669608
			Attachment: RE_ meeting minutes with JHICC CEO Stephen Chen on 4_10	USD-0669609
P1358			Email Thread of 07/18/2017 regarding RE: Meeting minutes with JHICC Vice General Manager	USD-0669918
P1359			Email Thread of 03/09/2016 regarding Re: UMC's DRAM project	USD-0669991
P1360			Email Thread of 05/31/2017 regarding RE: OD visit on June 22-23	USD-0670012
P1361			Email Thread of 04/13/2017 regarding UMC Stephen Chen- 2017 SEMICONT West	USD-0670066
P1362			Email Thread of 04/18/2016 regarding FW: UMC for DRAM...? Hm, could be true	USD-0670082
			Attachment: image001.png	USD-0670085
			Attachment: image005.png	USD-0670086
			Attachment: image003.png	USD-0670087
			Attachment: UMC-20160419-Re-entry_into_DRAM.pdf	USD-0670088

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1363			Email Thread of 04/10/2017 regarding RBU Q1CY17 quarterly presentation -- BSC/TD/Service/TD/BE	USD-0670178
			Attachment: Q1CY2017 RBU BSC 0410 V1.pptx	USD-0670179
			Attachment: RBU Q1CY17 Sales update_R03.pptx	USD-0670191
			Attachment: Q1CY17 Service Update3.ppt	USD-0670229
			Attachment: RBU_BSC_CY17Q1_APP_all_v4.pptx	USD-0670242
			Attachment: Q1CY17 RBU Patterning Apps review_V1.pptx	USD-0670256
			Attachment: Non-Responsive Placeholder	USD-0670271
P1364			Email Thread of 02/21/2017 regarding Dinner with UMC Stephen Chen	USD-0670500
P1365			Email Thread of 01/02/2018 regarding RE: Below the line BSC items for Q4CY17	USD-0670835
			Attachment: Non-Responsive Placeholder	USD-0670842
			Attachment: Non-Responsive Placeholder	USD-0670843
			Attachment: 20171205-1206 EC schedule Sophie1124.xlsx	USD-0670844
P1366			Email Thread of 09/21/2016 regarding Fwd: UMC Sr. VP Stephen Chen visit KT HQ	USD-0671048
P1367			Email Thread of 10/19/2016 regarding FW: UMC-JHICC Visit Plan on 10/24	USD-0671125
			Attachment: UMC JHICC update.pptx	USD-0671127
P1368			Email Thread of 02/05/2015 regarding McAfee USB Control Solution to be Implemented at the MMT Site / MMT???McAfee USB ????	USD-0738852
P1369			Email Thread of 01/04/2016 regarding Re: About NX Account log-in	USD-0791963
P1370			Email Thread of 04/20/2016 regarding [公告 Announcement] 為保護Fab16資料傳輸安全, 即日起將施行新USB管控措施 New USB control method will be effective immediately to protect Fab16 information security for data exchange	USD-0820769
P1370T			Translation of Email Thread of 04/20/2016 regarding [公告 Announcement] 為保護Fab16資料傳輸安全, 即日起將施行新USB管控措施 New USB control method will be effective immediately to protect Fab16 information security for data	USD-0820769_HT-00001
P1371			Certificate with Respect to Seized Items for Hard Drive 48	USD-0838190 at USD-0838192-95
P1372			TDPO Document Chn 03162020	USD-0838196
P1372T			Translation of TDPO Document Chn 03162020	USD-0838196_HT-00001
P1373			Schedule of the Summit Forum for the Development of the International In... [CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER]	USD-0838469
P1374			IMG_1065.JPG	USD-0842336
P1375			IMG_1081.JPG	USD-0842350
P1376			IMG_1370.JPG	USD-0842445
P1377			IMG_1371.JPG	USD-0842446
P1378			IMG_1372.JPG	USD-0842447
P1379			IMG_1373.JPG	USD-0842448
P1380			IMG_1374.JPG	USD-0842449
P1381			IMG_1375.JPG	USD-0842450
P1382			IMG_1377.JPG	USD-0842452
P1383			IMG_1378.JPG	USD-0842453
P1384			Email Thread of 12/31/2015 regarding Re: Resume	USD-0844510
P1384T			Translation of Email Thread of 12/31/2015 regarding Re: Resume	USD-0844510_HT-00001
P1385			Email Thread of 07/11/2016 regarding 晉華簡報	USD-0844513
			Attachment: ???_0711.pdf	USD-0844514

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1385T			Translation of Email Thread of 07/11/2016 regarding 晉華簡報	USD-0844513_HT-00001
			Translation of Attachment: ???_0711.pdf	USD-0844514_HT-00001
P1386			Email Thread of 10/20/2016 regarding Fw: 关于邵董美国演讲PPT及演讲稿	USD-0844566
			Attachment: ??????????????_20161020.pptx	USD-0844568
P1387			Email Thread of 10/19/2016 regarding Fw: Fw: 关于邵董美国演讲PPT及演讲稿	USD-0844600
			Attachment: ??????????????_20161020.pptx	USD-0844602
P1387T			Translation of Email Thread of 10/19/2016 regarding Fw: Fw: 关于邵董美国演讲PPT及演讲稿	USD-0844600_HT-00001
			Attachment: ??????????????_20161020.pptx	USD-0844602
P1388			Email Thread of 10/20/2016 regarding 美國行程表1021更新版	USD-0844644
			Attachment: ???_??_1021?.xlsx	USD-0844645
			Attachment: [Unnamed Unrecognised Item]	USD-0844646
P1388T			Translation of Email Thread of 10/20/2016 regarding 美國行程表1021更新版	USD-0844644_HT-00001
			Translation of Attachment: ???_??_1021?.xlsx	USD-0844645_HT-00001
			Attachment: [Unnamed Unrecognised Item]	USD-0844646
P1389			Email Thread of 10/24/2016 regarding w43 summary	USD-0844660
P1389T			Translation of Email Thread of 10/24/2016 regarding w43 summary	USD-0844660_HT-00001
P1390			Email Thread of 11/3/2016 regarding Some resumes from foreign candidates	USD-0844661
			Attachment: ?????_1102.xlsx	USD-0844662
			Attachment: [Unnamed Document]	USD-0844663
			Attachment: [Unnamed Document]	USD-0844664
			Attachment: [Unnamed Document]	USD-0844665
			Attachment: [Unnamed Document]	USD-0844669
			Attachment: Microsoft_Word_97 - 2003_2.doc	USD-0844673
			Attachment: [Unnamed Document]	USD-0844675
			Attachment: [Unnamed Document]	USD-0844677
			Attachment: [Unnamed Document]	USD-0844678
			Attachment: [Unnamed Document]	USD-0844682
			Attachment: [Unnamed Document]	USD-0844685
			Attachment: Microsoft_Word_1.docx	USD-0844688
			Attachment: Microsoft_Word_97 - 2003_1.doc	USD-0844691
P1391			Email Thread of 7/29/2016 regarding Re: 今天收到的存證信函	USD-0844698
P1391T			Translation of Email Thread of 7/29/2016 regarding Re: 今天收到的存證信函	USD-0844698_HT-00001
P1392			Email Thread of 11/17/2016 regarding 研發團隊月報	USD-0844714
			Attachment: PM1 monthly report for JHICC_Nov_2016.pdf	USD-0844715
			Attachment: PM2 monthly 20161117.pptx	USD-0844749
			Attachment: Microsoft_Excel_2.xlsx	USD-0844756
			Attachment: Microsoft_Excel_1.xlsx	USD-0844757

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1392T			Translation of Email Thread of 11/17/2016 regarding 研發團隊月報	USD-0844714_HT-00001
			Translation of Attachment: PM1 monthly report for JHICC_Nov_2016.pdf	USD-0844715_HT-00001
			Translation of Attachment: PM2 monthly 20161117.pptx	USD-0844749_HT-00001
			Attachment: Microsoft_Excel____2.xlsx	USD-0844756
			Translation of Attachment: Microsoft_Excel____1.xlsx	USD-0844757_HT-00001
P1393			Email Thread of 11/27/2016 regarding 晉華聘用通知書	USD-0844771
			Attachment: ??????-?.pdf	USD-0844772
P1393T			Translation of Email Thread of 11/27/2016 regarding 晉華聘用通知書	USD-0844771_HT-00001
			Translation of Attachment: ??????-?.pdf	USD-0844772_HT-00001
P1394			Email Thread of 12/22/2016 regarding 动态随机存储器研发年度报告_v0.1	USD-0844775
			Attachment: ????????????? (2016.12).pptx	USD-0844776
			Attachment: Microsoft_Office_Excel____1.xlsx	USD-0844815
P1394T			Translation of Email Thread of 12/22/2016 regarding 动态随机存储器研发年度报告_v0.1	USD-0844775_HT-00001
			Translation of Attachment: ????????????? (2016.12).pptx	USD-0844776_HT-00001
			Attachment: Microsoft_Office_Excel____1.xlsx	USD-0844815
P1395			Email Thread of 08/09/2016 regarding Re: 營運組織 (案)	USD-0844816
P1395T			Translation of Email Thread of 08/09/2016 regarding Re: 營運組織 (案)	USD-0844816_HT-00001
P1396			Email Thread of 06/11/2017 regarding Re: Fwd: CV of Greta (姚翠玲)	USD-0844874
P1396T			Translation of Email Thread of 06/11/2017 regarding Re: Fwd: CV of Greta (姚翠玲)	USD-0844874_HT-00001
P1397			Email Thread of 08/23/2016 regarding Fw: 自動化人員簡歷	USD-0845058
P1397T			Translation of Email Thread of 08/23/2016 regarding Fw: 自動化人員簡歷	USD-0845058_HT-00001
P1398			Email Thread of 08/24/2016 regarding 薪資建議	USD-0845060
			Attachment: ???_0824.xlsx	USD-0845061
P1398T			Translation of Email Thread of 08/24/2016 regarding 薪資建議	USD-0845060_HT-00001
			Translation of Attachment: ???_0824.xlsx	USD-0845061_HT-00001
P1399			Email Thread of 08/26/2016 regarding 製造部組織圖.xls	USD-0845092
			Attachment: ??????.xls	USD-0845093
			Attachment: [Unnamed Presentation]	USD-0845094
			Attachment: [Unnamed Presentation]	USD-0845101
			Attachment: [Unnamed Unrecognised Item]	USD-0845103
P1399T			Translation of Email Thread of 08/26/2016 regarding 製造部組織圖.xls	USD-0845092_HT-00001
			Translation of Attachment: ??????.xls	USD-0845093_HT-00001
			Attachment: [Unnamed Presentation]	USD-0845094
			Attachment: [Unnamed Presentation]	USD-0845101
			Attachment: [Unnamed Unrecognised Item]	USD-0845103
P1400			Email Thread of 7/25/2018 regarding Fwd: 檔案	USD-0845110
			Attachment: ????????_20161017 - Wu san[104].pptx	USD-0845111

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1400T			Translation of Email Thread of 7/25/2018 regarding Fwd: 檔案	USD-0845110_HT-00001
			Translation of Attachment: ???????_20161017 - Wu san[104].pptx	USD-0845111_HT-00001
P1401			Email Thread of 09/07/2016 regarding 9/12討論議題	USD-0846104
			Attachment: ???????_0912???.pptx	USD-0846105
			Attachment: Microsoft Excel 1.xlsx	USD-0846114
			Attachment: ???????????_0906.docx	USD-0846115
			Attachment: ????????.xlsx	USD-0846117
P1401T			Translation of Email Thread of 09/07/2016 regarding 9/12討論議題	USD-0846104_HT-00001
			Translation of Attachment: ???????_0912???.pptx	USD-0846105_HT-00001
			Attachment: Microsoft Excel 1.xlsx	USD-0846114
			Translation of Attachment: ???????????_0906.docx	USD-0846115_HT-00001
			Translation of Attachment: ????????.xlsx	USD-0846117_HT-00001
P1402			Email Thread of 09/15/2016 regarding 廠務與風管	USD-0846220
			Attachment: ????(???)_???.ppt	USD-0846221
			Attachment: [Unnamed Document]	USD-0846231
			Attachment: ??_???.doc	USD-0846238
			Attachment: ??_???.docx	USD-0846243
			Attachment: [Unnamed Unrecognised Item]	USD-0846248
P1402T			Translation of Email Thread of 09/15/2016 regarding 廠務與風管	USD-0846220_HT-00001
			Translation of Attachment: ????(???)_???.ppt	USD-0846221_HT-00001
			Translation of Attachment: [Unnamed Document]	USD-0846231_HT-00001
			Translation of Attachment: ??_???.doc	USD-0846238_HT-00001
			Translation of Attachment: ??_???.docx	USD-0846243_HT-00001
			Attachment: [Unnamed Unrecognised Item]	USD-0846248
P1403			Email Thread of 09/18/2016 regarding Re: 关于组织2017年校园招聘的请示	USD-0846266
P1403T			Translation of Email Thread of 09/18/2016 regarding Re: 关于组织2017年校园招聘的请示	USD-0846266_HT-00001
P1404			Email Thread of 09/19/2016 regarding Fw: 崗位需求表	USD-0846268
			Attachment: ??????.xls	USD-0846270
P1404T			Translation of Email Thread of 09/19/2016 regarding Fw: 崗位需求表	USD-0846268_HT-00001
			Translation of Attachment: ??????.xls	USD-0846270_HT-00001
P1405			Email Thread of 09/20/2016 regarding 組織表_0914版	USD-0846271
			Attachment: ???????_09142016.pptx	USD-0846272
P1405T			Translation of Email Thread of 09/20/2016 regarding 組織表_0914版	USD-0846271_HT-00001
			Translation of Attachment: ???????_09142016.pptx	USD-0846272_HT-00001
P1406			Email Thread of 09/22/2016 regarding 晉華組織圖	USD-0846282
			Attachment: ???????_09232016.pptx	USD-0846283



EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1406T			Translation of Email Thread of 09/22/2016 regarding 晉華組織圖	USD-0846282_HT-00001
			Translation of Attachment: ??????_09232016.pptx	USD-0846283_HT-00001
P1407			Email Thread of 09/22/2016 regarding Re: 晉華組織圖	USD-0846293
			Attachment: pic06161.gif	USD-0846295
P1407T			Translation of Email Thread of 09/22/2016 regarding Re: 晉華組織圖	USD-0846293_HT-00001
			Attachment: pic06161.gif	USD-0846295
P1408			Email Thread of 10/01/2016 regarding JHICC Resume	USD-0846352
			Attachment: Jinhua_Resume_???IDL_Sblacktu.doc	USD-0846353
			Attachment: Jinhua_Resume_IDL_082016_???WU JHIH-MING.doc	USD-0846359
			Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846364
			Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846370
			Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846375
			Attachment: Jinhua_Resume_IDL_082016-???docx	USD-0846380
			Attachment: Jinhua_Resume_IDL_???doc	USD-0846385
P1408T			Translation of Email Thread of 10/01/2016 regarding JHICC Resume	USD-0846352_HT-00001
			Translation of Attachment: Jinhua_Resume_???IDL_Sblacktu.doc	USD-0846353_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016_???WU JHIH-MING.doc	USD-0846359_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846364_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846370_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016_???doc	USD-0846375_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016-???docx	USD-0846380_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_???doc	USD-0846385_HT-00001
P1409			Email Thread of 10/03/2016 regarding Fw: Update	USD-0846408
			Attachment: Resume-???pdf	USD-0846412
P1409T			Translation of Email Thread of 10/03/2016 regarding Fw: Update	USD-0846408_HT-00001
			Attachment: Resume-???pdf	USD-0846412
P1410			Email Thread of 10/03/2016 regarding Re: Fw: 吳建儒 resume (nickname : Lulu)	USD-0846423
			Attachment: resume.doc	USD-0846426
P1410T			Translation of Email Thread of 10/03/2016 regarding Re: Fw: 吳建儒 resume (nickname : Lulu)	USD-0846423_HT-00001
			Attachment: resume.doc	USD-0846426
P1411			Email Thread of 10/6/2016 regarding Fwd: 回覆 : Fwd: 人事資料表_林榮健	USD-0846443
			Attachment: Jinhua_Resume_IDL_082016i	USD-0846445
P1411T			Translation of Email Thread of 10/6/2016 regarding Fwd: 回覆 : Fwd: 人事資料表_林榮健	USD-0846443_HT-00001
			Translation of Attachment: Jinhua_Resume_IDL_082016i	USD-0846445_HT-00001

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1412			Email Thread of 10/6/2016 regarding 晉華介紹-for recruiting	USD-0846450
			Attachment: ????????_20161007.pptx	USD-0846451
P1412T			Translation of Email Thread of 10/6/2016 regarding 晉華介紹-for recruiting	USD-0846450_HT-00001
			Translation of Attachment: ????????_20161007.pptx	USD-0846451_HT-00001
P1413			Email Thread of 10/17/2016 regarding Introduction of government officers	USD-0846499
P1414			Email Thread of 10/17/2016 regarding Re: Wu san's presentation slides	USD-0846517
			Attachment: ????????_20161017 - Wu san.pptx	USD-0846519
P1415			Email Thread of 08/15/2015 regarding 記憶體產業經歷	USD-0850569
			Attachment: ????????_pptx	USD-0850570
			Attachment: Microsoft_Office_Excel_Worksheet2.xlsx	USD-0850579
			Attachment: Microsoft_Office_Excel_Worksheet1.xlsx	USD-0850580
P1415T			Translation of Email Thread of 08/15/2015 regarding 記憶體產業經歷	USD-0850569_HT-00001
			Translation of Attachment: ????????_pptx	USD-0850570_HT-00001
			Attachment: Microsoft_Office_Excel_Worksheet2.xlsx	USD-0850579
			Attachment: Microsoft_Office_Excel_Worksheet1.xlsx	USD-0850580
P1416			Email Thread of 10/31/2016 regarding Fwd: 成材產業論壇通知	USD-0853811
			Attachment: ??_???_1101.docx	USD-0853813
P1416T			Translation of Email Thread of 10/31/2016 regarding Fwd: 成材產業論壇通知	USD-0853811_HT-00001
			Translation of Attachment: ??_???_1101.docx	USD-0853813_HT-00001
P1417			Email Thread of 12/06/2016 regarding Fwd: NCKU speech slides	USD-0854155
			Attachment: DRAM Development for NCKU talk v2_20161202.pptx	USD-0854156
			Attachment: Microsoft_Excel_Worksheet1.xlsx	USD-0854176
P1417T			Translation of Email Thread of 12/06/2016 regarding Fwd: NCKU speech slides	USD-0854155_HT-00001
			Translation of Attachment: DRAM Development for NCKU talk v2_20161202.pptx	USD-0854156_HT-00001
			Attachment: Microsoft_Excel_Worksheet1.xlsx	USD-0854176
P1418			Email Thread of 12/26/2016 regarding Fwd: 週三的報告材料(final)	USD-0854381
			Attachment: Presentation 20161228 ??_???.pptx	USD-0854382
			Attachment: Microsoft_Excel_Worksheet1.xlsx	USD-0854417
P1418T			Translation of Email Thread of 12/26/2016 regarding Fwd: 週三的報告材料(final)	USD-0854381_HT-00001
			Translation of Attachment: Presentation 20161228 ??_???.pptx	USD-0854382_HT-00001
			Translation of Attachment: Microsoft_Excel_Worksheet1.xlsx	USD-0854417_HT-00001
P1419			Email Thread of 03/07/2017 regarding entry #377218380.eml	USD-0854992
			Attachment: 20170307 Memory Market (Specialty DRAM)c.pdf	USD-0854993
			Attachment: [Unnamed Unrecognised Item]	USD-0855023
P1419T			Translation of Email Thread of 03/07/2017 regarding entry #377218380.eml	USD-0854992
			Translation of Attachment: 20170307 Memory Market (Specialty DRAM)c.pdf	USD-0854993_HT-00001
			Attachment: [Unnamed Unrecognised Item]	USD-0855023

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1420			Email Thread of 08/01/2017 regarding entry #492315749.eml	USD-0858102
			Attachment: DRAM Market Proposal 20170801 .pdf	USD-0858103
			Attachment: [Unnamed Unrecognised Item]	USD-0858119
P1421			Email Thread of 08/08/2018 regarding 答复: Microsoft	USD-0867470
P1421T			Translation of Email Thread of 08/08/2018 regarding 答复: Microsoft	USD-0867470_HT-00001
P1422			Email Thread of 08/09/2018 regarding Reports	USD-0867492
			Attachment: Micron Dram.pdf	USD-0867493
P1423			Email Thread of 10/20/2018 regarding Fwd: trade secrets act	USD-0869367
			Attachment: trade secret.docx	USD-0869368
P1423T			Translation of Email Thread of 10/20/2018 regarding Fwd: trade secrets act	USD-0869367
			Translation of Attachment: trade secret.docx	USD-0869368_HT-00001
P1424			Email Thread of 11/02/2018 regarding 幾點建議	USD-0869542
			Attachment: ??????.docx	USD-0869543
P1424T			Translation of Email Thread of 10/26/2018 regarding 幾點建議	USD-0869542_HT-00001
			Translation of Attachment: ??????.docx	USD-0869543_HT-00001
P1425			Email Thread of 11/02/2018 regarding 幾項建議	USD-0869736
			Attachment: ????.docx	USD-0869737
P1425T			Translation of Email Thread of 11/02/2018 regarding 幾項建議	USD-0869736_HT-00001
			Translation of Attachment: ????.docx	USD-0869737_HT-00001
P1426			302_0000165_1A0000129_0000001_PHYSICAL Trafas Notes.pdf	USD-0886357
P1427			AP_0000001.pdf	USD-0886480
P1428			AP_0000034.pdf	USD-0886513
P1429			AP_0000081.pdf	USD-0886560
P1430			AP_0000124.pdf	USD-0886603
P1431			AP_0000152.pdf	USD-0886631
P1432			000001-000006- DRC - TLR_supplementary_F32_for_PDF.pdf	USD-0886650
P1433			000007-DRM - coverPage - GT-RPT-170417-002_Ver.0.1(Cover Page).pdf	USD-0886656
P1434			000008-000029 - DRM - TLR-Ver0_1P4(for PDF).pdf	USD-0886657
P1435			000030-000031 PDK - F32 DRAM_EDR_for_PDF.pdf	USD-0886679
P1436			000032-000034 PDK - F32_mask_boolean_for_PDF.pdf	USD-0886681
P1437			000035 PDK - Layers_for_PDF_DDR4chip.pdf	USD-0886684
P1438			000036-000055 Process Flow - UMC F32 DRAM Process Flow 20170303 for PDF.pdf	USD-0886685
P1439			.P_20160712_064726.jpg	TAIWANHD-02318618
P1440			.P_20160712_065255.jpg	TAIWANHD-02318618
P1441			.P_20160812_074759.jpg	TAIWANHD-02318618
P1442			1465543444678.jpg	TAIWANHD-02318618
P1443			1465543464201.jpg	TAIWANHD-02318618
P1444			1467717612639.jpg	TAIWANHD-02318618
P1445			1471582769635.jpg	TAIWANHD-02318618
P1446			1485821794299.jpg	TAIWANHD-02318618
P1447			1485821796403.jpg	TAIWANHD-02318618
P1448			1485821797138.jpg	TAIWANHD-02318618
P1449			1485821871329.jpg	TAIWANHD-02318618
P1450			1485821887130.jpg	TAIWANHD-02318618

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1451			1485821888254.jpg	TAIWANHD-02318618
P1452			1485821888897.jpg	TAIWANHD-02318618
P1453			1485821889567.jpg	TAIWANHD-02318618
P1454			1485821890211.jpg	TAIWANHD-02318618
P1455			P_20160426_100416.jpg	TAIWANHD-02318618
P1456			P_20160526_073920.jpg	TAIWANHD-02318618
P1457			P_20160608_075935.jpg	TAIWANHD-02318618
P1458			P_20160705_073419_1.jpg	TAIWANHD-02318618
P1459			P_20160812_074809.jpg	TAIWANHD-02318618
P1460			P_20160819_075020.jpg	TAIWANHD-02318618
P1461			P_20160819_075039.jpg	TAIWANHD-02318618
P1462			P_20161014_005335.jpg	TAIWANHD-02318618
P1463			P_20161014_010754.jpg	TAIWANHD-02318618
P1464			P_20161014_011050.jpg	TAIWANHD-02318618
P1465			P_20161016_225055.jpg	TAIWANHD-02318618
P1466			P_20161016_232028.jpg	TAIWANHD-02318618
P1467			P_20161019_072122.jpg	TAIWANHD-02318618
P1468			P_20161019_072128.jpg	TAIWANHD-02318618
P1469			P_20161019_072429.jpg	TAIWANHD-02318618
P1470			P_20161019_072451.jpg	TAIWANHD-02318618
P1471			P_20161019_073637.jpg	TAIWANHD-02318618
P1472			P_20161114_052621.jpg	TAIWANHD-02318618
P1473			P_20161114_072424.jpg	TAIWANHD-02318618
P1474			P_20161221_002208.jpg	TAIWANHD-02318618
P1475			P_20161224_212710.jpg	TAIWANHD-02318618
P1476			P_20161224_212715.jpg	TAIWANHD-02318618
P1477			P_20161224_212732.jpg	TAIWANHD-02318618
P1478			P_20161224_212808.jpg	TAIWANHD-02318618
P1479			P_20170102_162202.jpg	TAIWANHD-02318618
P1480			P_20170102_163116.jpg	TAIWANHD-02318618
P1481			P_20170117_070750.jpg	TAIWANHD-02318618
P1482			P_20170203_072407.jpg	TAIWANHD-02318618
P1483			P_20170203_073637.jpg	TAIWANHD-02318618
P1484			P_20170203_073647.jpg	TAIWANHD-02318618
P1485			AJ88 K27GA split table_20170124.xlsx	TAIWANHD-00000444
P1486			G-RTP-DRAM32N-1P3M-TLR-UMC internal-Ver0_1P3_20160829 2.doc	TAIWANHD-00000495
P1487			UMI_華Pj Monthly Mtg_20160713.pdf	TAIWANHD-00002118
P1488			華_Design Study_20160310.pdf	TAIWANHD-00002122
P1489			25nm_4GLP3_下地IDR資料_1.pdf	TAIWANHD-00017400
P1490			001-103-001.01 Ver.9_kenny.doc	TAIWANHD-02125104
P1491			Email Thread of 7/21/2010 regarding kenny's photo	TAIWANHD-02129107
			Attachment: DSCF6458.jpg	TAIWANHD-02129108
			Attachment: DSCF6459.jpg	TAIWANHD-02129109
P1492			Email Thread of 3/28/2014 regarding [No Subject]	TAIWANHD-02141153
P1493			Email Thread of 12/18/2012 regarding [No Subject]	TAIWANHD-02149890
			Attachment: 薛珍華老師自然發音法.pdf	TAIWANHD-02149891
P1494			Email Thread of 4/14/2013 regarding 股權讓渡書	TAIWANHD-02153117
			Attachment: 股權讓渡書.doc	TAIWANHD-02153118
P1495			F38 Wrap Up Meeting -INT 0114.ppt	TAIWANHD-02160428
P1496			F2 mark abnormal Discussion.ppt	TAIWANHD-02160484
P1497			30nm 2G3D status update-20120629.ppt	TAIWANHD-02160638
P1498			30nm 2G3D status update-20130826.ppt	TAIWANHD-02160645

EXHIBIT NUMBER	MARKED	ADMITTED	DESCRIPTION OF EXHIBIT	BATES
P1499			F38 status update 0120 (NXPowerLite).ppt	TAIWANHD-02160646
P1500			何建廷 personal file 2.pptx	TAIWANHD-02160809
P1501			關鍵字清單.xlsx	TAIWANHD-02166446
P1502			EES-DR25nmS-DDR4-Device_141104.pdf	TAIWANHD-02258220
P1503			Email Thread of 11/24/2017 regarding 国资委监事会检查征求意见稿	UMCDOJ-00112697
			Attachment: 晋华集成电路检查报告2017-11-24.doc	UMCDOJ-00112698
P1503T			Translation of Email Thread of 11/24/2017 regarding 国资委监事会检查征求意见稿	UMCDOJ-00112697_HT-00001
			Translation of Attachment: 晋华集成电路检查报告2017-11-24.doc	UMCDOJ-00112698_HT-00001
P1504			Email Thread of 6/29/2016 regarding <to 麒麟> F32 mask layer information	UMCDOJ-04838798
			Attachment: F32_LML_20160628_v1.xlsx	UMCDOJ-04838799
P1505			F32_LML_2017121_v4_jhicc_AM01JH_only.xlsx	UMCDOJTT-00000011
P1506			華pj TV0 design deliverable list.pdf	UMCDOJTT-00002631
P1507			Email Thread of 1/25/2017 regarding DPCV for DRAM material 2017/01/25 -2	UMCDOJ-00401502
			Attachment: UAASWD0N_031416_umcV2.gds	UMCDOJ-00401504
			Attachment: UMI_ZSA_TOP90d_AV2.gds	UMCDOJ-00401505
P1508			FRE 1006 Images from UMI_ZSA_TOP90d_AV2.gds	UMCDOJ-00401505
P1509			FRE 1006 Images from DDR4TOP_forOPCTEG_org.gds	106030-25-16-INTEL-CVTR5413022DD240CG N-240GB, P2\DRAM project\Ultramemory data\Peri GDS 160219
P1510			FRE 1006 Images from DDR3TOP_D_130208.gds	106030-25-13-PNY-null-128GB, P1\90s\V90B\25nm 4G3D CAD data
P1511			FRE 1006 Images from DDR4TOP_040816_merged_OPC_SP_SNPAD1_BLG_peri_CT.gds	106030-25-03-INTEL-CVTR548103WR240CG N-240GB, P2\layout
P1512			FRE 1006 Images from DDR4TOP0202.gds	106030-25-03-INTEL-CVTR548103WR240CG N-240GB, P2\layout\Emily 0206for UMI request by Kenny
P1513			MLAA 13-2 Agent Lee (List of seized items)	USD-0887100
P1513T			Translation of MLAA 13-2 Agent Lee (List of seized items)	USD-0887100_HT-00001
P1514			Photos of seized devices	[TO COME]
P1515			Photos of Taiwan hard drive 48	[TO COME]
P1516			Email Thread of 02/24/2016 regarding 44597.lnd	UMCDOJ-DH-00253174
			Attachment: 20160219_1.pdf	UMCDOJ-DH-00253175
			Attachment: 20160219_2.pdf	UMCDOJ-DH-00253177
P1516T			Email Thread of 02/24/2016 regarding 44597.lnd	UMCDOJ-DH-00253174
			Translation of Attachment: 20160219_1.pdf	UMCDOJ-DH-00253175_HT-00001
			Translation of Attachment: 20160219_2.pdf	UMCDOJ-DH-00253177_HT-00001